



SDMS Doc ID 2019528



Winston H. Hickox  
Secretary for  
Environmental  
Protection

# California Regional Water Quality Control Board

## Los Angeles Region

Over 50 Years Serving Coastal Los Angeles and Ventura Counties  
Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

320 W. 4th Street, Suite 200, Los Angeles, California 90013  
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>



Gray Davis  
Governor

April 26, 2002

Peter Bailey  
DTSC  
8800 Cal Center Drive  
Sacramento, CA 95826-3200

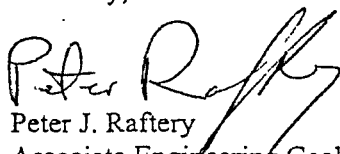
### MAPS AND CONTACT INFORMATION FOR SHALLOW GROUNDWATER MONITORING WELLS AT LEAKING UNDERGROUND STORAGE TANK SITES IN SIMI VALLEY, CALIFORNIA

Dear Mr. Bailey:

Los Angeles Regional Water Quality Control Board (Regional Board) staff have reviewed files for 13 leaking underground tank sites in Simi Valley. The attached data package includes site location maps, site maps, and groundwater gradient maps for each site, excluding former Chevron Station Number 9-3493, which you have. Also included are the names and telephone numbers for the responsible parties' representatives and consultants. The hand written data summary sheet includes two lines of information for each site. The first line for each site includes the site address, site name, responsible party, responsible party contact and their phone number. The second line includes the groundwater depth, the environmental consulting company, the environmental consulting contact for groundwater sampling, their phone number, and the Ventura county contact. The circled number on the first page of each site's information package corresponds to the number on the maps and table attached to the April 12, 2002 letter to you from the Regional Board, and will permit you to readily locate each of the site's on the April 12, 2002, map.

If you have questions related to this project, telephone me at (213) 576-6796 or via email at [praftery@rb4.swrcb.ca.gov](mailto:praftery@rb4.swrcb.ca.gov).

Sincerely,

  
Peter J. Raftery  
Associate Engineering Geologist  
Site Cleanup II Unit

Attachments: Site list with summary information  
Multiple site specific data packages

S:\SL\CPJR\SSFL\sim shallow well maps and data apr02.doc

### California Environmental Protection Agency

\*\*\*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption\*\*\*  
\*\*\*For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>\*\*\*



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

# Simi Valley Shallow well Sites DATA Summary

Former General #533

1899 Cochran A, ALEXANDER KRAMER CO., Mr. Christopher Fancey 310.375.0900  
 John Z. Ball  
 GW 40'-50', SEROCA, Keith Allan  
 RAILROADS ~~ERL~~ 999.235.6116

Former Exxon #7-0762

2395 Erringer, A Exxon Mobil Corp., Mrs. Jennifer Sedlachek 925.276.8749  
 GW 40'-50', ERI. BRADLEY PIERCE 999.457.8927, DAVID ENNIS

1369 Erringer, 76 STA. #5756, Phillips 66 Co., Ms. Liz Sowell 714.428.7720  
 GW 3'-7', TRC, Anja Farfan 999.753.0101, DAVID SALTER

2340 Kuehner, Mobil #18-KJQ, Mobil Business Resources Corp., Mr. Lee Hawley 805.527.4860  
 GW @ 40' HFA, Mark Fahren 805.585.6374, DAVID SALTER

4426 L.A. Ave., Jiffy Lube #680, CLOSED

1196 LA Ave, <sup>TEXACO STATION</sup> Equiva Services, LLC, Mr. Ed Palen 310.816.2075  
 GW @ 8'-10', Kleinfelder, Nancy Anglin - 999.727.4466, <sup>BLAINE TECH., NICK SUDANO</sup> ~~Keith Allan~~ 408.573.0555  
 KEITH ALLAN.

1099 LA Ave, Mobil SS # 18-JRC, Mobil Business Resources, Co., Mr. Lee Hawley - 805.527.4860  
 GW @ 9' HFA, Mark Fahren 805.585.6374, DAVID SALTER

1990 L.A. Ave. HLUC

1120 L.A. Ave., Shell SS #?, Equiva Services, LLC. Mr. Ed Palen 310.816.2075  
 GW @ 4'-20' Miller Bruck Environmental, Dennis Callahan 714.965.9161, DAVID ENNIS

1196 PATRICIA AV. Mrs. Velma Warner, Mr. Fred Warner 805.528.9189  
 GW @ 7'-15', AET ; TODD HAYES, 805.650.1400, ERIN O'CONNELL

2605 STEARNS, 76 STA. # 6067, Phillips 66 Co. Ms. Liz Sowell 714.428.7720  
 GW 45'-49', TRC, Anja Farfan 999.753.0101, DAVID SALTER

2405 STEARNS, Shell SS #, Equiva Services, LLC Mr. Ed Palen 310.816.2075  
 GW 82'-85' IT Group, BRADLEY LACK 626.304.1520 DAVID ENNIS

2383 SYCAMORE, 76 STA. # 6423, Phillips 66 Co. Ms. Liz Sowell 714.428.7720  
 GW 70'-80' TRC, Anja Farfan 999.753.0101 DAVID SALTER

# EXPLANATION

- GROUNDWATER MONITORING WELL
- ⊕ NESTED (DUAL CASING) SOIL VAPOR EXTRACTION/AIR SPARGE WELL
- AIR SPARGE WELL

[ ] APPROXIMATE PREVIOUS LOCATION OF REMOVED FUEL USTs AND FUEL DISPENSERS

834.14 GROUNDWATER ELEVATION, Feet above mean sea level

— GROUNDWATER CONTOUR, DASHED WHERE APPROXIMATE  
Contour Interval = 1.0 foot



NORTH

VONS SUPERMARKET

HLA-4  
Paved Over

HLA-8  
840.31

840.0

MW-1  
839.44

839.0

V-198  
838.10

V-168  
838.51

V-188  
838.25

V-215  
837.58

HLA-7  
838.63

V-178  
837.97

MW-2  
837.90

HLA-1  
836.55

HLA-6  
836.33

HLA-2  
836.62

EXMW-70  
835.86

EXMW-6  
836.47

HLA-3  
837.74

MW-4  
837.88

MW-3  
838.17

ERRINGER ROAD

835.0

836.0

837.0

838.0

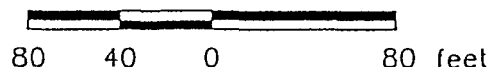
COCHRAN STREET

## NOTES

Soil vapor extraction wells on the property were not used to generate groundwater elevations or contour lines.

## APPROXIMATE SCALE

1 inch = 80 feet



## FIGURE 1

SUMMARY OF GROUNDWATER ELEVATIONS  
December 2001, Data

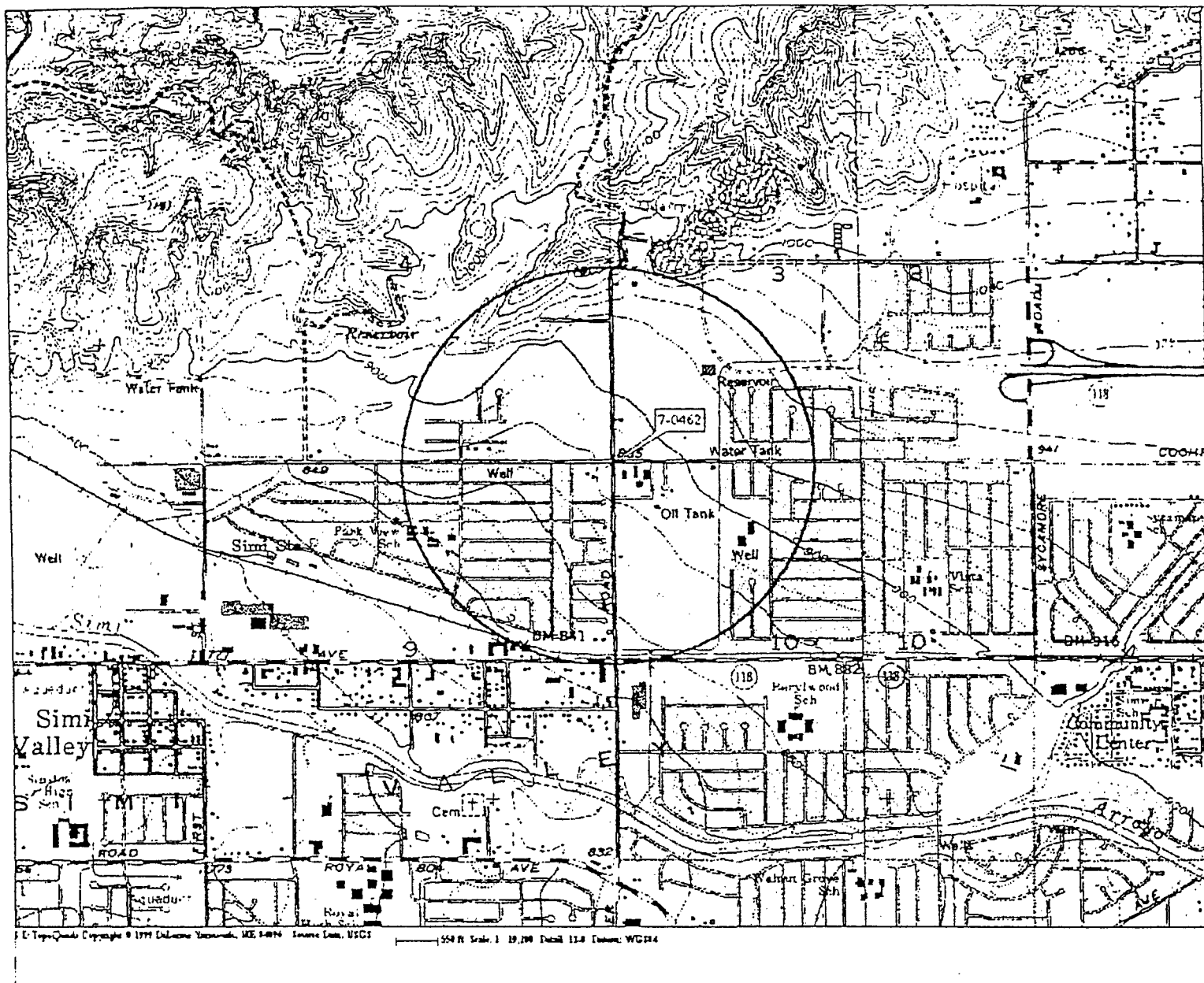
FORMER GEMCO STORE NO. 533  
1899 EAST COCHRAN STREET  
SIMI VALLEY, CALIFORNIA

**SECOR**  
International  
Incorporated

PR400 ACAD\CADFILES\HAGEN\533-401-01  
40237-005-03 / 004 00237

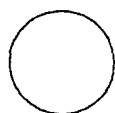
11/2

PH400 ACAD\CADFILES\HAAGEN\533-401-02  
40237-005-03 / 004.00237

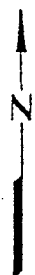


FN 1408TOPO

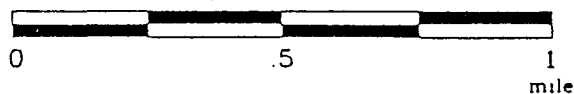
## EXPLANATION



1/2-mile radius circle



## APPROXIMATE SCALE



SOURCE:  
Modified from a map  
provided by  
DeLorme 3-D TopoQuads



## SITE LOCATION MAP

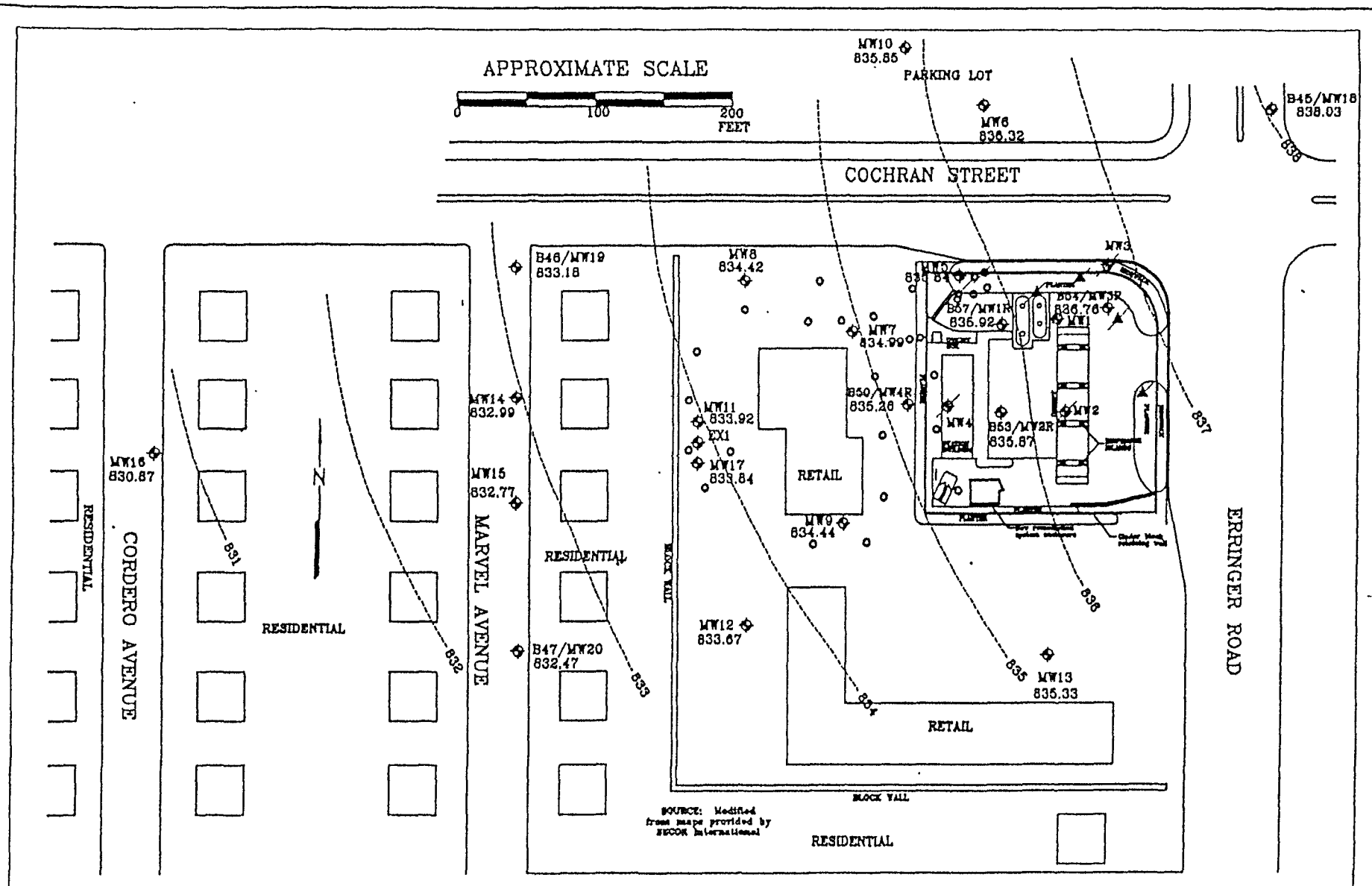
FORMER EXXON STATION 7-0462  
2395 Erringer Road  
Simi Valley, California

PROJECT NO.

1408

PLATE

P-1



FN 14080002

NOTE: Soil vapor extraction in progress. Groundwater elevations may not represent groundwater flow direction.



# **GROUNDWATER CONTOUR MAP - 10/29/01**

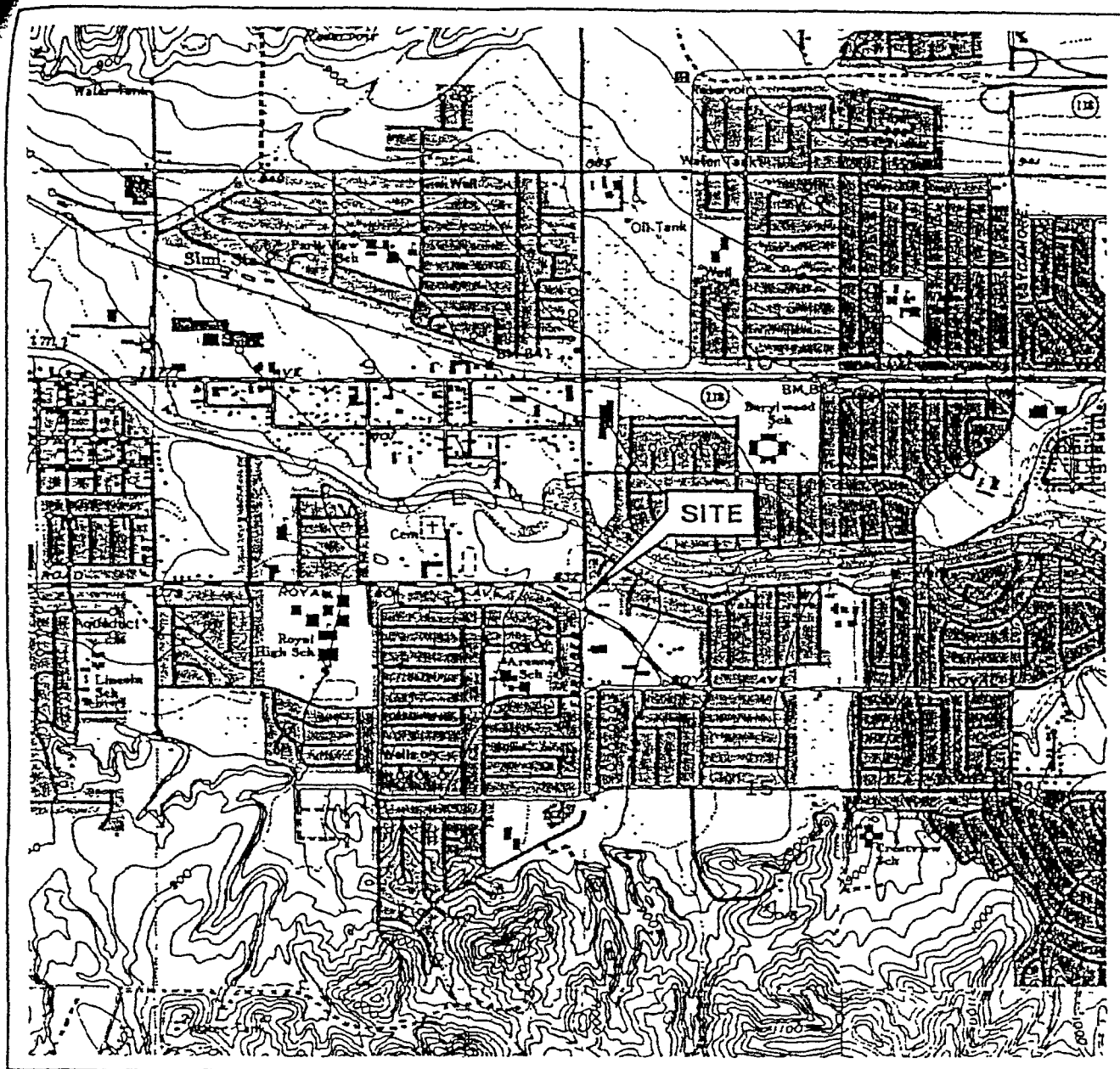
FORMER EXXON STATION 7-0462  
2395 Erringer Road  
Simi Valley, California

EXPLANATION	
⊕ B47/MW20	Groundwater Monitoring Well
⊕ 832.47	and groundwater elevation relative to MSL
○	Boring-Air Sparge/Soil Vapor Extraction Well
△ V21	Abandoned Vadose Zone Well
⊕ MW4	Abandoned Groundwater Monitoring Well
---	Line of equal groundwater elevation
[ ]	Underground Storage Tanks

PROJECT NO.	1408
PLATE	P-2
DATE:	12/16/01







0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

**SOURCE:**

United States Geological Survey  
7.5 Minute Topographic Map:  
Simi Valley Quadrangle



**VICINITY MAP**

76 Station 5756  
1369 Erringer Road  
Simi Valley, California

**FIGURE 1**

**TRC**

Summary of Gauging and Sampling Activities  
January 2002 through March 2002  
76 Station 5756  
1369 Erringer Rd.  
Simi Valley, CA

Site Information:

Site:	76 Station 1369 Erringer Rd. Simi Valley, CA
Project Coordinator/Phone Number:	Liz Sewell/714-428-7720
Groundwater wells onsite:	11
Groundwater wells offsite:	2

Field Activity:

Sampling consultant:	TRC
Date(s) sampled:	2/14/02
Groundwater wells gauged:	13
Groundwater wells sampled:	7
Purging method:	submersible pump
Treatment/disposal method during sampling event:	Crosby and Overton treatment facility
Free product pumpouts other than sampling event:	No
Treatment/Disposal method during free product pumpouts:	N/A

Site Hydrogeology:

Minimum depth to groundwater (feet bgs):	3.37
Maximum depth to groundwater (feet bgs):	7.06
Average groundwater elevation (feet relative to mean sea level):	822.68
Average change in groundwater elevations since previous event (feet):	0.31
Groundwater gradient and flow direction:	0.02 ft/ft, west
Previous gradient and/or flow direction (and date):	0.016 ft/ft, northwest (10/10/01)

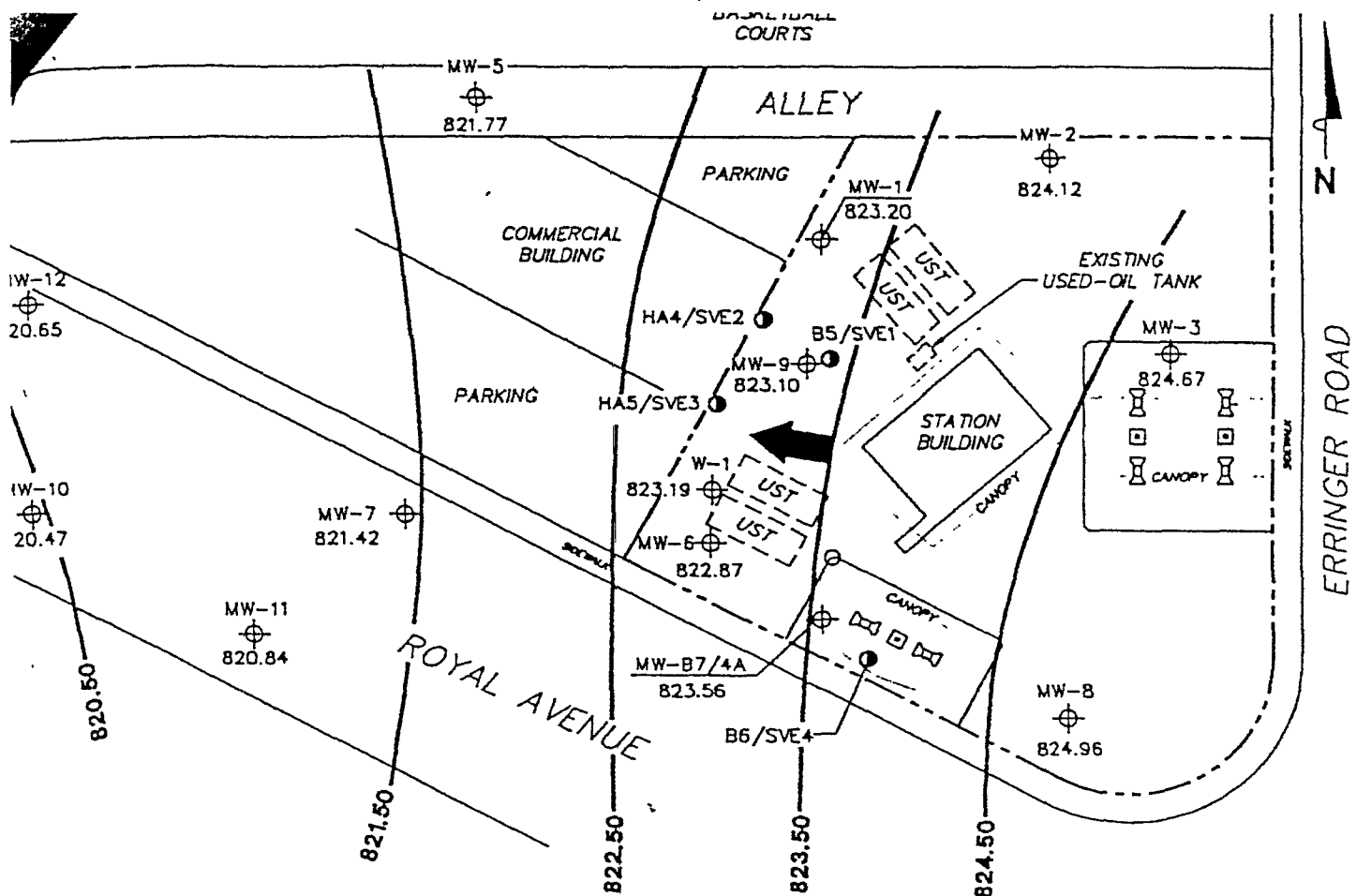
Groundwater Condition (Benzene Maximum Contaminant Level [MCL] = 1.0 µg/l)

Wells with benzene concentrations below MCL:	6
Wells with benzene concentrations at or above MCL:	1
Minimum benzene concentration (µg/l):	ND
Maximum benzene concentration (µg/l):	260 (MW-4A)
Minimum MTBE concentration (µg/l):	ND
Maximum MTBE concentration (µg/l):	2400 (MW-10)
Minimum TPH-G concentration (µg/l):	ND
Maximum TPH-G concentration (µg/l):	1500 (MW-4A)
Groundwater wells with free product:	0
Minimum free product thickness (feet):	0
Maximum free product thickness (feet):	0

Additional Information:

MW-1=Monitored Only, MW-2=Monitored Only, MW-3=Monitored Only, MW-5=Monitored Only, MW-8=Monitored Only, W-1=Monitored Only.





This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.



#### NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. \* = not included in groundwater contour interpretation.

#### LEGEND

- MW-12  Monitoring Well with Groundwater Elevation (feet)
- HA5/SVE3  Vapor Extraction Well
- 824.50  Groundwater Elevation Contour
-  General Direction of Groundwater Flow

GROUNDWATER ELEVATION  
CONTOUR MAP  
February 14, 2002

76 Station 5756  
1369 Erringer Road  
Simi Valley, California

**TRC**

SCALE (FEET)



FIGURE 2

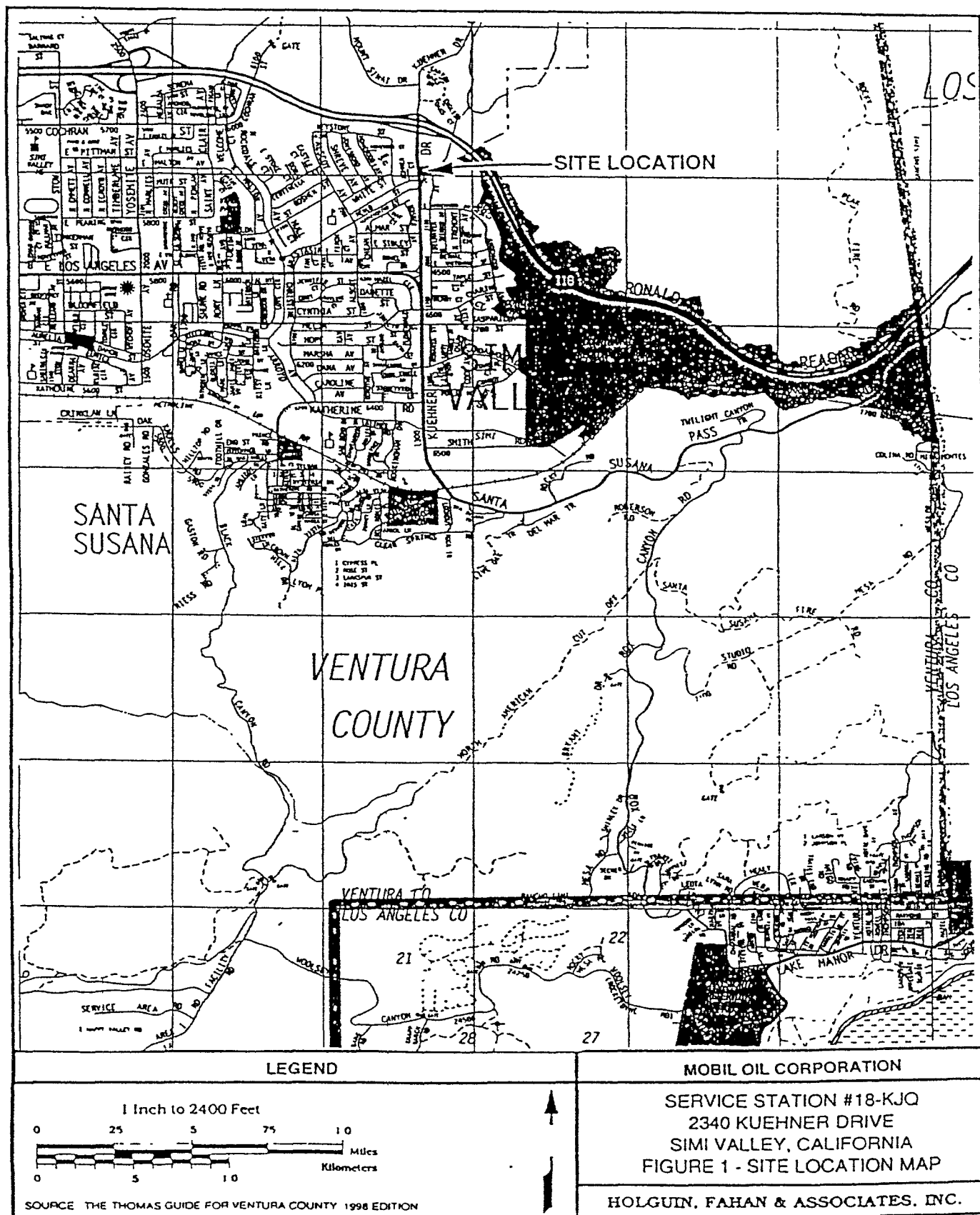




HOLGUIN,  
FAHAN  
& ASSOCIATES, INC.

ENVIRONMENTAL MANAGEMENT CONSULTANTS

Mr. Lee Hanley  
Mobil Oil Corporation  
March 2, 2001 - Page 7



QUARTERLY PROGRESS REPORT SUMMARY SHEET  
FOURTH QUARTER 2001

SITE INFORMATION:

Client name : EXXONMOBIL OIL CORPORATION  
Station/site ID: 18-KJQ  
Lead regulatory agency : VCEHD Site File #: C98039 David Salter  
Primary consultant & project manager : Holguin, Fahan & Associates, Inc., Mark Fahan  
Well monitoring contractor : Holguin, Fahan & Associates, Inc., Mark Fahan  
Site monitoring frequency : Quarterly  
Well(s) and/or surface water within 1,000 ft.: None  
Number of groundwater wells on site: 3  
Number of groundwater wells off site: 0  
Phase of investigation: vadose zone: Monitoring  
Groundwater phase: Monitoring

SITE HYDROLOGY IN "AQUIFER 1"

Number of water zones: 1  
Approx. depth to groundwater below ground surface (ft): 39.67  
Avg. Potentiometric surface elevation (feet): 1,042.71  
Quarterly change in avg. groundwater elevations (feet): -1.37  
Flow direction / hydraulic gradient (feet/feet): Southwest/0.002

FIELD ACTIVITY (CURRENT QUARTER):

Groundwater Monitoring Date : November 30, 2001  
Groundwater wells gauged: 3  
Groundwater wells sampled: 3  
Purging method: Manual  
Gallons of groundwater purged: 105  
Treatment method/disposal facility: HFA Lab GWTS / Sewer System

GROUNDWATER CONDITION :

Number of Wells or instances of PSH removal:	0	Nature of contamination:	Gasoline
Range in thickness of PSH (feet):	0 - 0	Range in Benzene Conc. (µg/l):	<1 (One Value Only)
Number of wells with Benzene below MCL:	3	Range in TPH-Gas Conc.(µg/l):	<50 - 250
Number of wells with Benzene at or above MCL:	0	Range in MTBE Conc. (µg/l):	<2 - 270

ADDITIONAL INFORMATION:

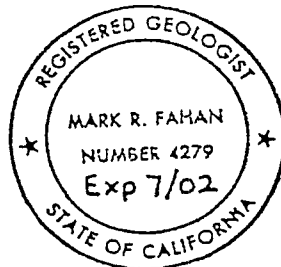
HFA performed groundwater monitoring and sampling during the fourth quarter of 2001. HFA plans to perform groundwater monitoring and sampling during the first quarter of 2002.

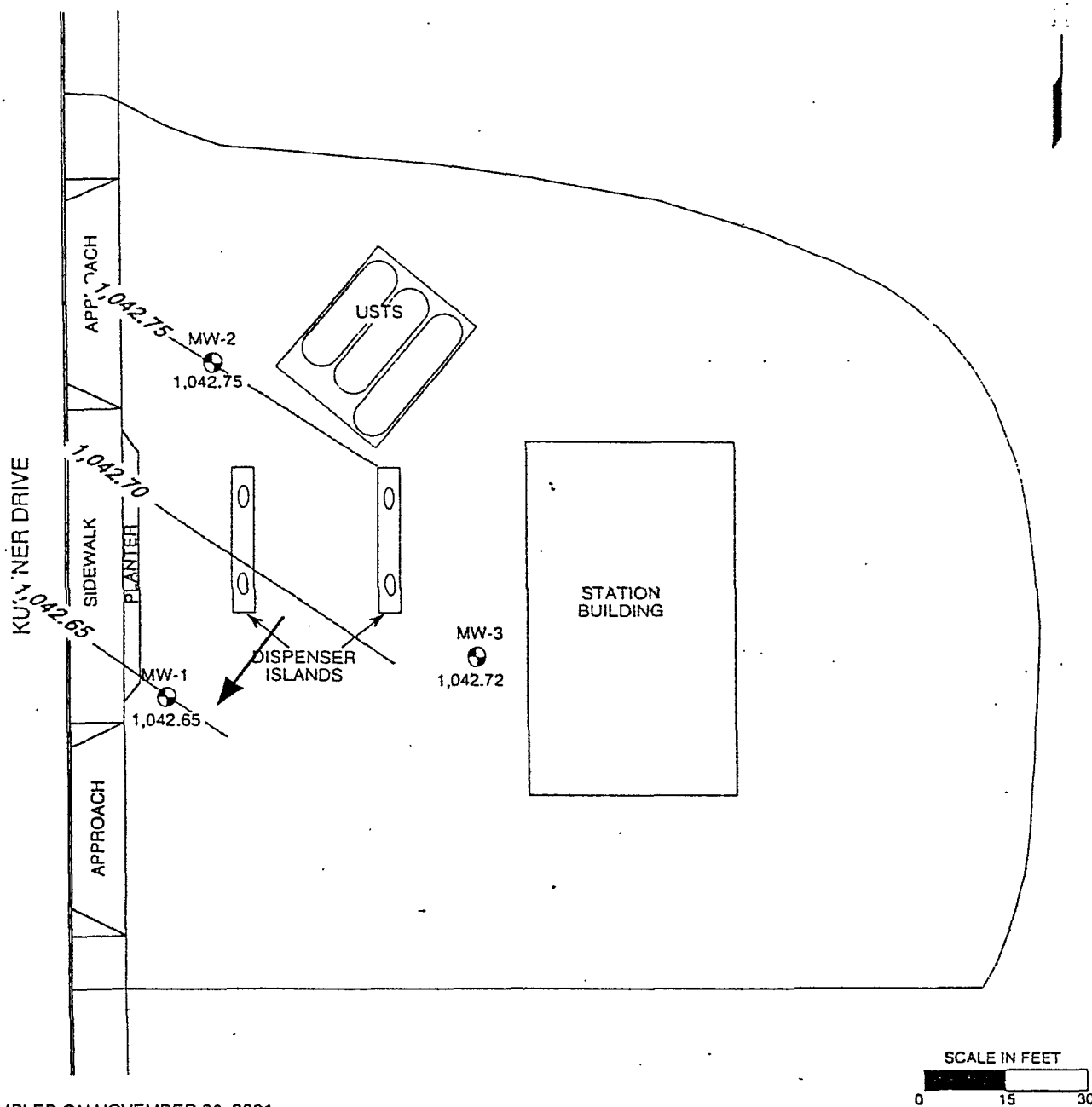
Prepared by:

Tony Quiroz

Approved by:

Mark Fahan  
Vice-President  
RG, REA

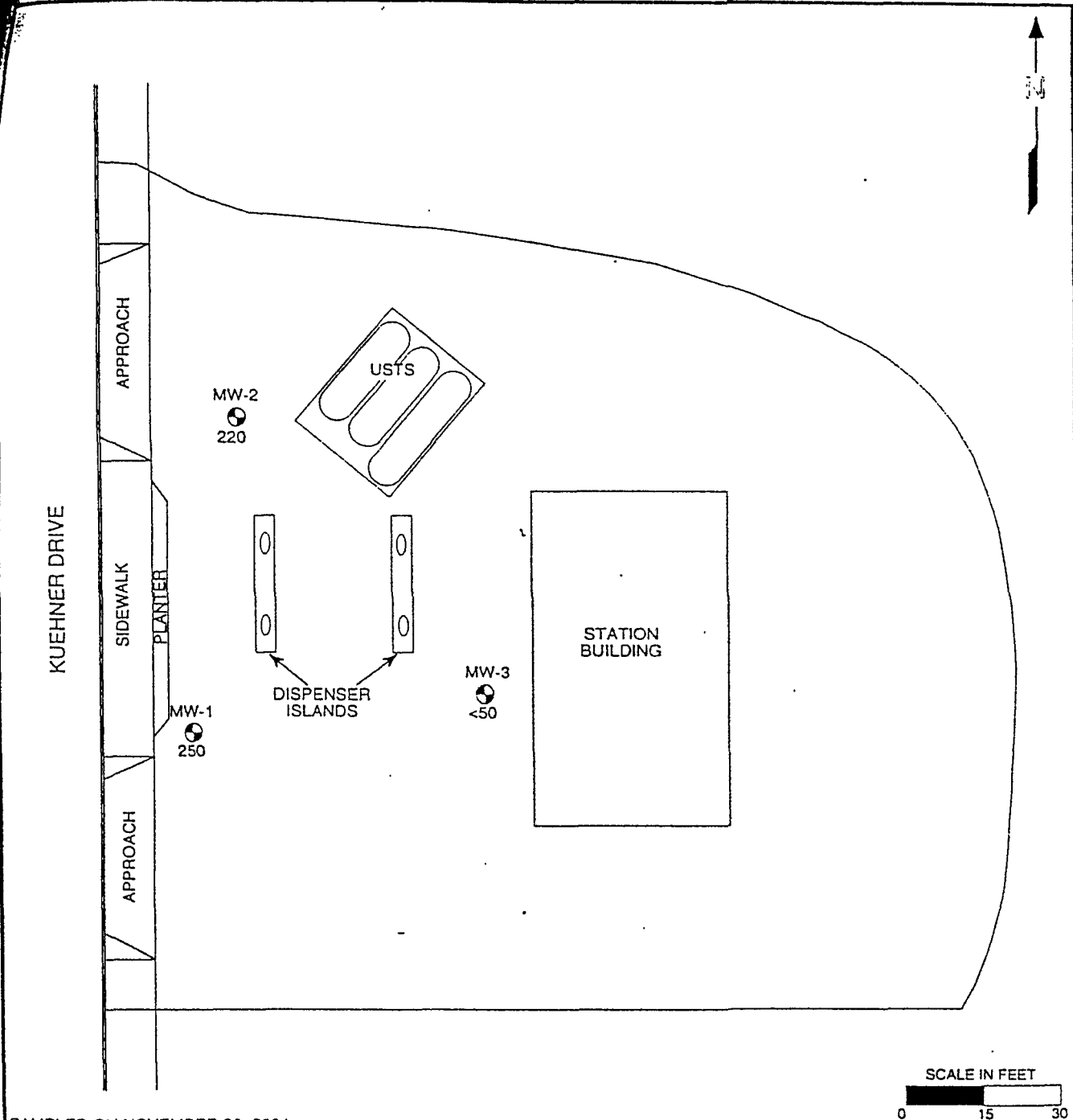




SAMPLED ON NOVEMBER 30, 2001

LEGEND		EXXONMOBIL OIL CORPORATION
⊙ MONITORING WELL	— 1,042.65 —	SERVICE STATION #18-KJQ 2340 KUEHNER DRIVE SIMI VALLEY, CALIFORNIA
* GROUNDWATER ELEVATION (FEET ABOVE MSL)	CONTOUR OF GROUNDWATER ELEVATION (FEET ABOVE MSL)	FIGURE 1 - GROUNDWATER ELEVATION CONTOUR MAP FOR FOURTH QUARTER 2001
➔ GROUNDWATER FLOW DIRECTION		HOLGUIN, FAHAN & ASSOCIATES, INC.

REVISION DATE: JANUARY 17, 2002: TO



SAMPLED ON NOVEMBER 30, 2001

LEGEND	EXXONMOBIL OIL CORPORATION
<p>● MONITORING WELL</p> <p>* TPH AS GASOLINE CONCENTRATION IN GROUNDWATER</p>	<p>SERVICE STATION #18-KJQ 2340 KUEHNER DRIVE SIMI VALLEY, CALIFORNIA</p> <p>FIGURE 4 - TPH AS GASOLINE CONCENTRATIONS IN GROUNDWATER FOR THIRD QUARTER 2001</p> <p>HOLGUIN, FAHAN &amp; ASSOCIATES, INC.</p>

REVISION DATE: JANUARY 17, 2002: TQ





SOURCES: U.S.G.S 7.5' topographic series, Simi, California  
quadrangle, dated 1951, photorevised 1989.

0 FEET 2,000



KLEINFELDER

### SITE LOCATION MAP

TEXACO SERVICE STATION  
1196 East Los Angeles Avenue  
Simi Valley, California

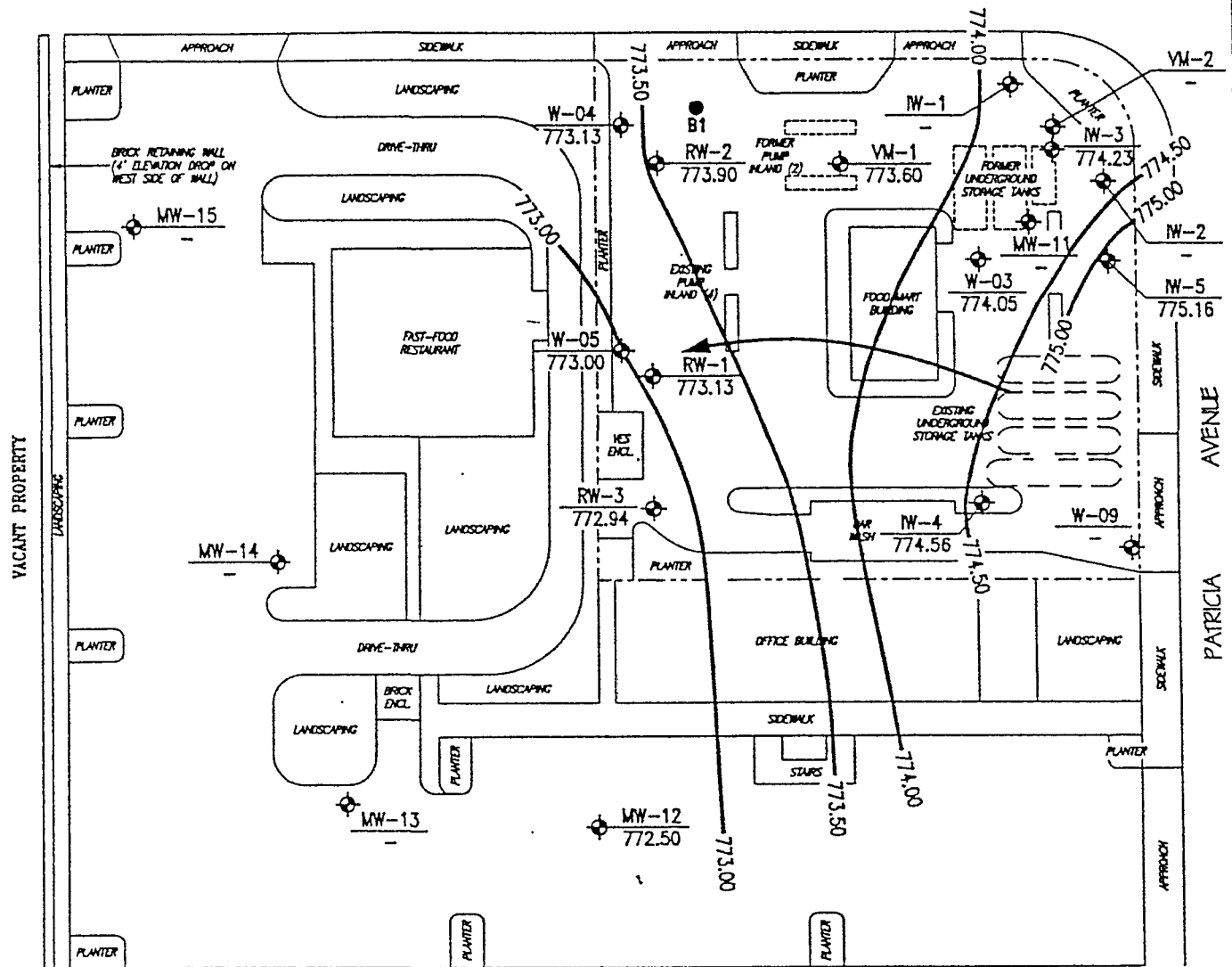
PLATE

1

Drafted by:  
Date:

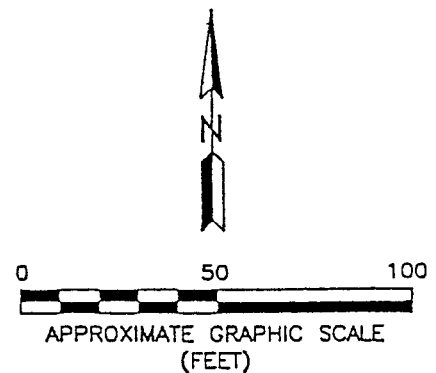
Project No:  
File No:

# EAST LOS ANGELES AVENUE



## LEGEND:

- EXISTING RECOVERY, EXTRACTION AND/OR MONITORING WELL LOCATION AND WELL NUMBER
- LINE OF EQUAL GROUNDWATER ELEVATION
- GROUNDWATER MONITORING WELL GROUNDWATER ELEVATION (feet, msl)
- NOT MEASURED
- APPROXIMATE GROUNDWATER FLOW DIRECTION



SOURCE: "POTENTIOMETRIC SURFACE MAP, OCTOBER 9, 1997" PREPARED BY TRAK ENVIRONMENTAL GROUP, DATED 7/21/94.



**KLEINFELDER**

5015 SHOREHAM PLACE  
SAN DIEGO, CALIFORNIA 92122

CHECKED BY: NA

FN: 4106SITE

PROJECT NO. 56-4106-00

DATE: 01/2002

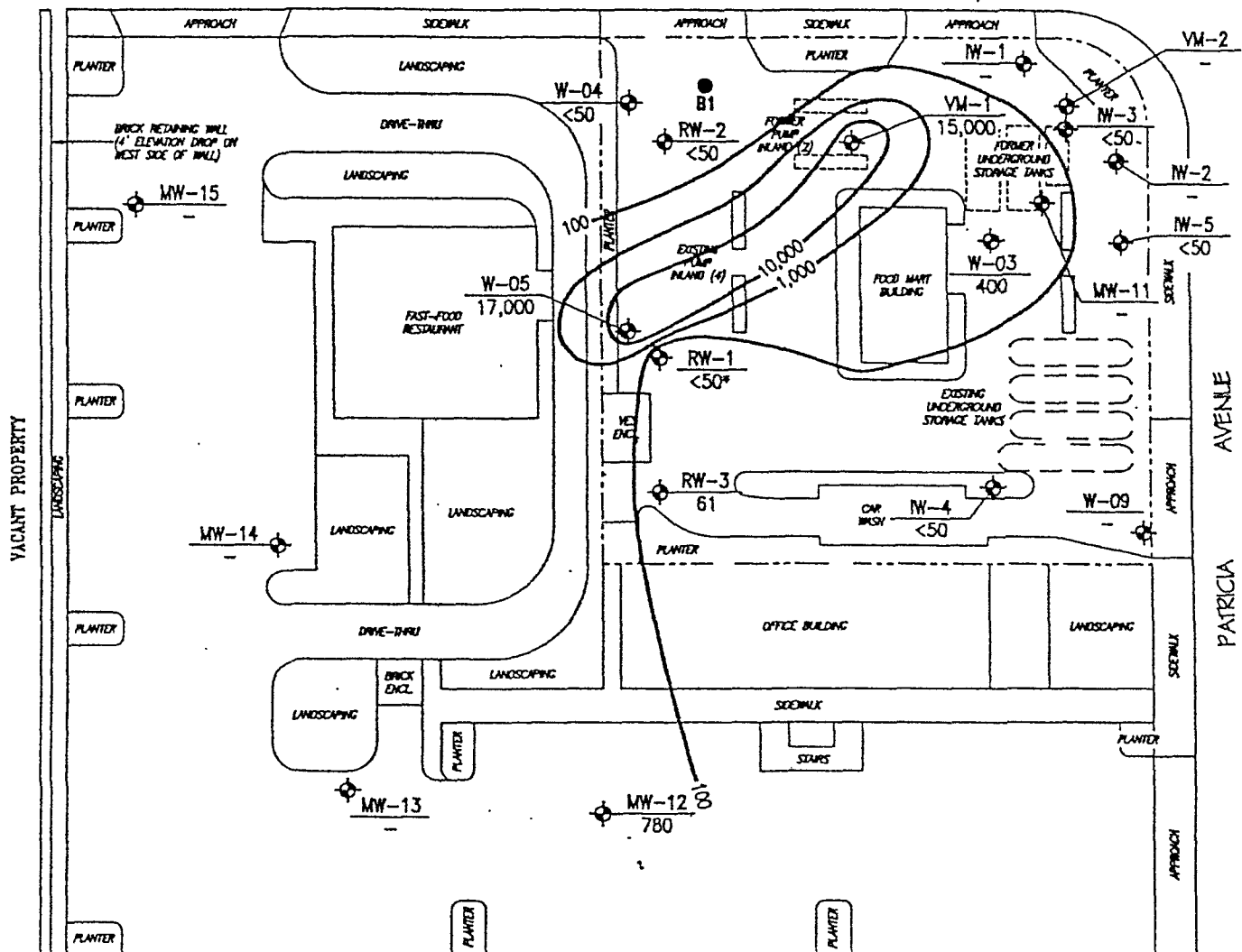
## GROUNDWATER ELEVATION CONTOURS NOVEMBER 19, 2001

TEXACO SERVICE STATION  
1196 EAST LOS ANGELES AVENUE  
SIMI VALLEY, CALIFORNIA

FIGURE

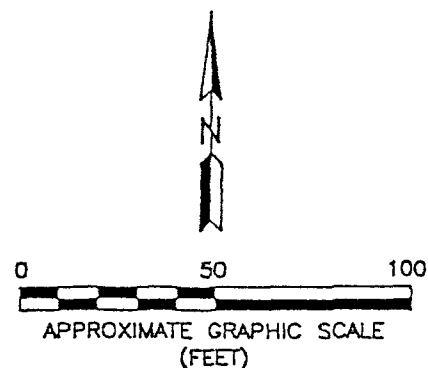
**2**

# EAST LOS ANGELES AVENUE



## LEGEND:

- MW-14 EXISTING RECOVERY, EXTRACTION AND/OR MONITORING WELL LOCATION AND WELL NUMBER
- 100 LINE OF EQUAL TPHG CONCENTRATIONS
- MW-12 780 GROUNDWATER MONITORING WELL TPHG CONCENTRATIONS IN GROUNDWATER ( $\mu\text{g/l}$ )
- NOT SAMPLED



SOURCE: "POTENTIOMETRIC SURFACE MAP, OCTOBER 9, 1997" PREPARED BY TRAK ENVIRONMENTAL GROUP, DATED 7/21/94.

**KLEINFELDER**

5015 SHOREHAM PLACE  
SAN DIEGO, CALIFORNIA 92122

CHECKED BY: NA

FN: 4106SITE

PROJECT NO: 56-4106-00

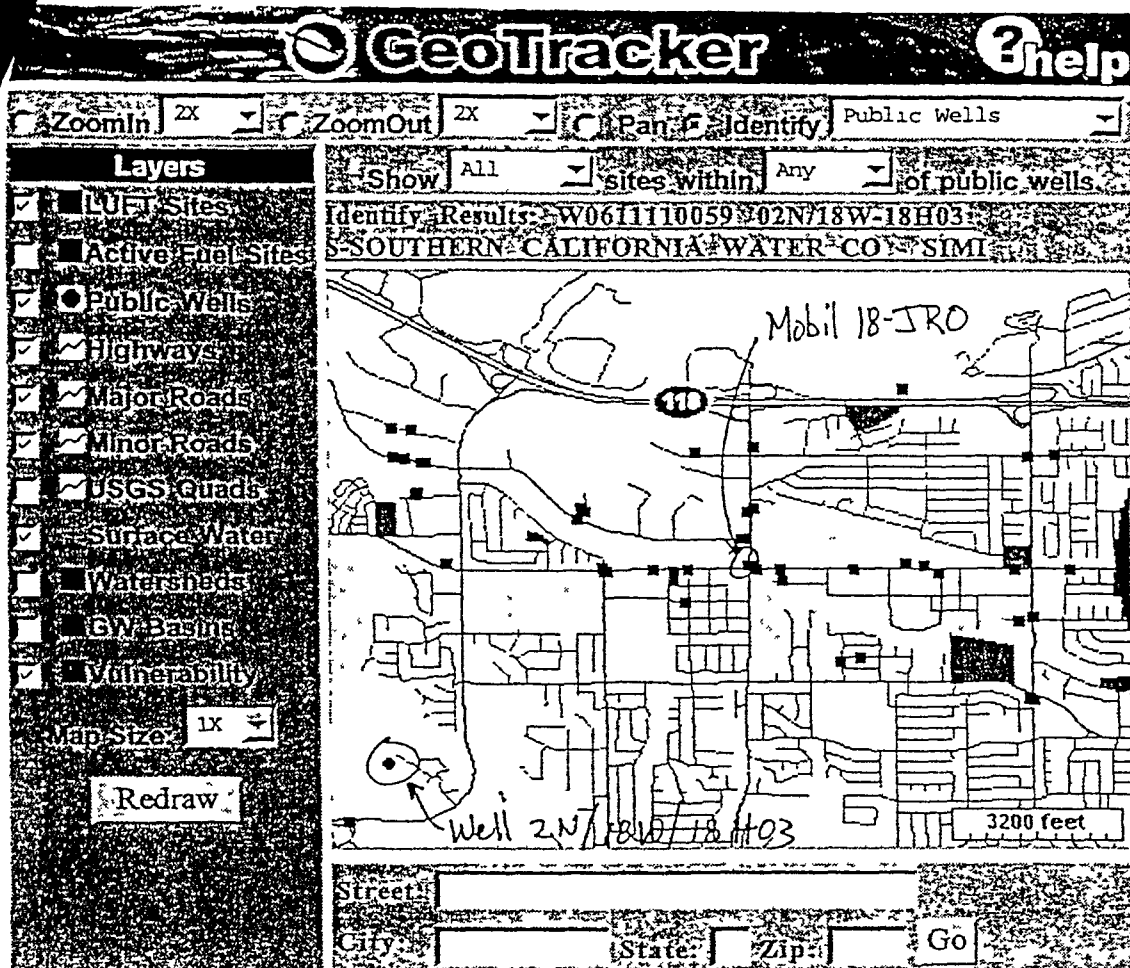
DATE: 01/2002

TPHG ( $\mu\text{g/l}$ ) IN GROUNDWATER  
NOVEMBER 19, 2001

TEXACO SERVICE STATION  
1196 EAST LOS ANGELES AVENUE  
SIMI VALLEY, CALIFORNIA

FIGURE

3



Contact Site Administrator | Road Maps by ETAK

Well and LUFT site positions are approximate. Locational accuracy will improve as state agencies and responsible parties obtain and report new information.

1099 E. LA AVE.



QUARTERLY PROGRESS REPORT SUMMARY SHEET  
FIRST QUARTER 2001

SITE INFORMATION:

Client name: MOBIL OIL CORPORATION  
Station/site ID: 18-JRO  
Lead regulatory agency: VCEHD Site File #: C86003 David Salter  
Primary consultant & project manager: Holguin, Fahan & Associates, Inc., Mark Fahan  
Well monitoring contractor: Holguin, Fahan & Associates, Inc., Mark Fahan  
Site monitoring frequency: Quarterly  
Well(s) and/or surface water within 1,000 ft.: Arroyo Simi Stream, 300' SW  
Number of groundwater wells on site: 11  
Number of groundwater wells off site: 5  
Phase of investigation: vadose zone: Complete  
Groundwater phase: Monitoring

SITE HYDROLOGY IN AQUIFER 1

Number of water zones: 1  
Approx. depth to groundwater below ground surface (ft): 8.97  
Avg. Potentiometric surface elevation (feet): 765.43  
Quarterly change in avg. groundwater elevations (feet): .53  
Flow direction / hydraulic gradient (feet/feet): southwest/O 04

FIELD ACTIVITY (CURRENT QUARTER):

Wells with PSH (gals)

Groundwater Monitoring Date: February 22, 2001  
Groundwater wells gaged: 16  
Groundwater wells sampled: 8  
Purging method: Manual  
Gallons of groundwater purged: 267  
Treatment method/disposal facility: HFA Lab GWTS / Sewer System

GROUNDWATER CONDITION:

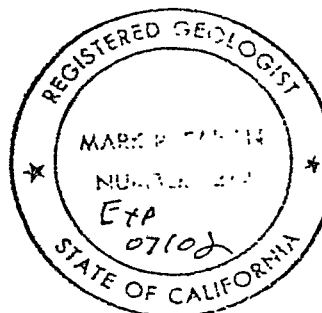
Number of Wells or instances of PSH removal:	0	Nature of contamination:	Gasoline
Range in thickness of PSH (feet):	0 - 0	Range in Benzene Conc. (µg/l):	ND - 46
Number of wells with Benzene below MCL:	7	Range in TPH-Gas Conc. (µg/l):	ND - 7800
Number of wells with Benzene at or above MCL:	(1)	Range in MTBE Conc. (µg/l):	ND - 150

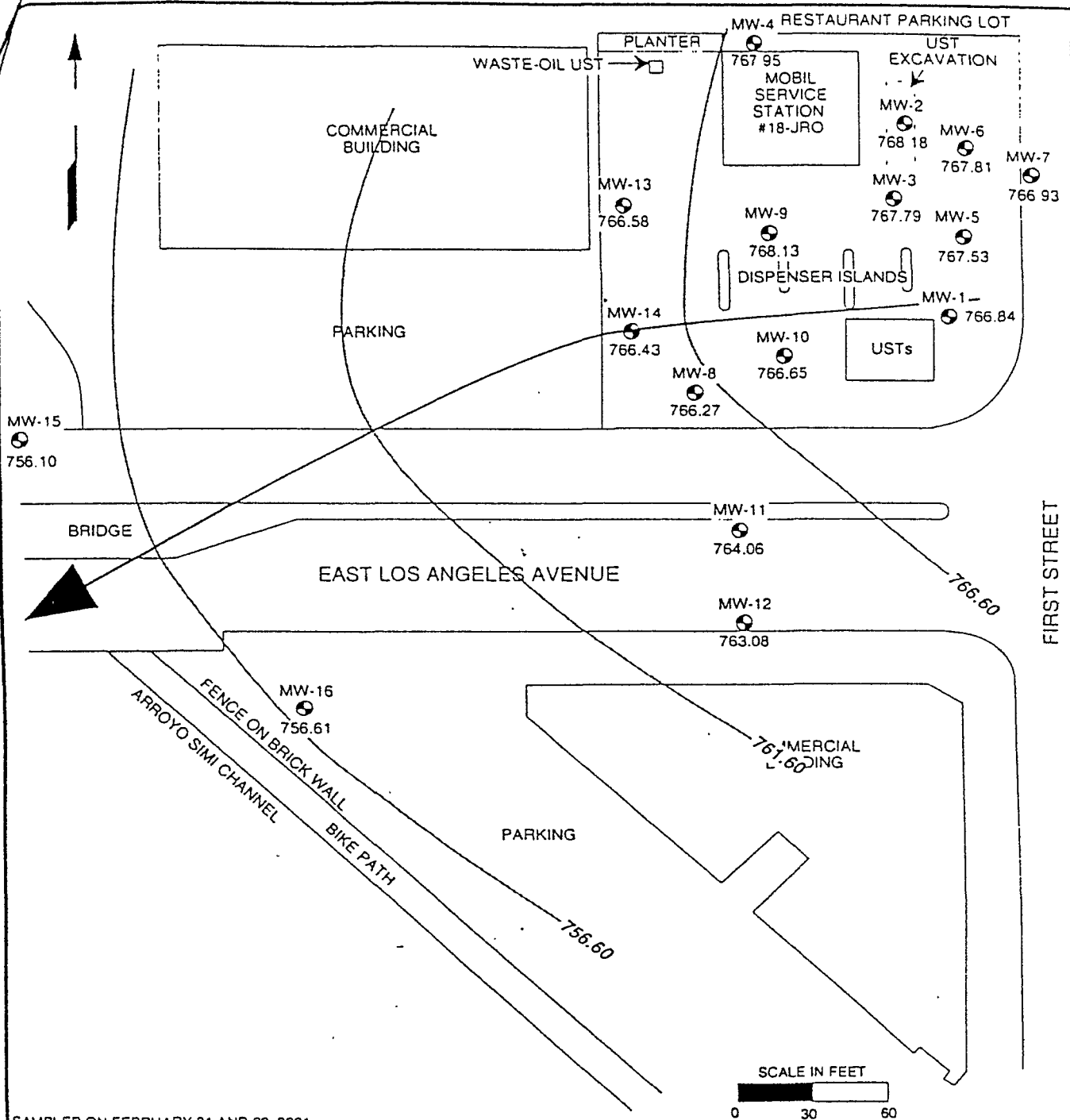
ADDITIONAL INFORMATION:

During first quarter 2001, HFA performed groundwater monitoring and sampling. HFA plans to perform groundwater monitoring and sampling during second quarter 2001.



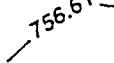

Prepared by: Sean Kipp

Approved by: Mark Fahan  
Vice-President  
RG, REA

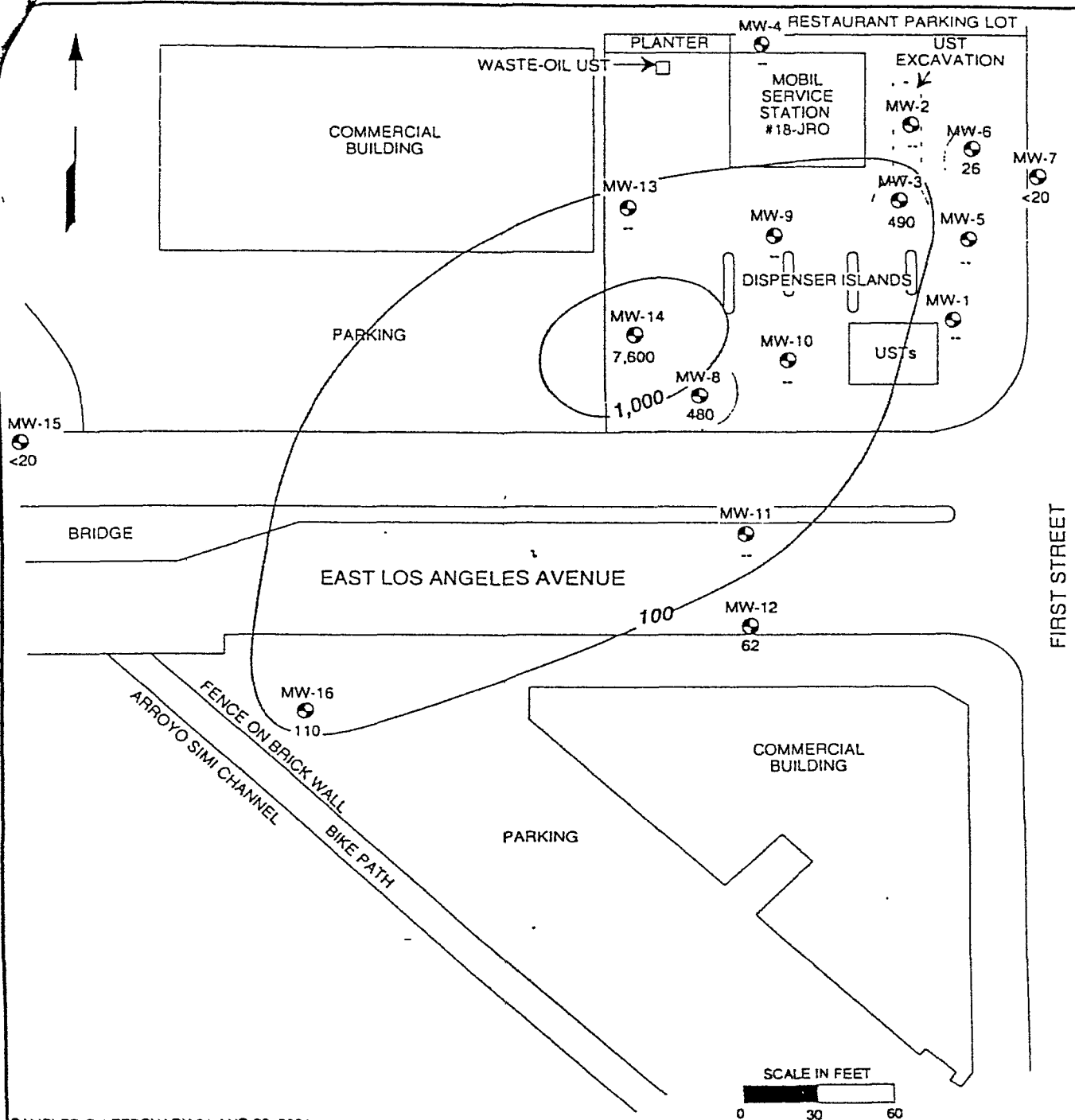




SAMPLED ON FEBRUARY 21 AND 22, 2001

LEGEND	MOBIL OIL CORPORATION
<p>  MONITORING WELL         </p> <p>  GROUNDWATER FLOW DIRECTION         </p> <p>  756.61 GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)         </p> <p>  GROUNDWATER ELEVATION (FEET ABOVE MSL)         </p>	<p>SERVICE STATION #18-JRO</p> <p>1099 EAST LOS ANGELES AVENUE</p> <p>SIMI VALLEY, CALIFORNIA</p> <p>FIGURE 1 - GROUNDWATER ELEVATION CONTOUR MAP FOR FIRST QUARTER 2001</p> <p>HOLGUIN, FAHAN &amp; ASSOCIATES, INC.</p>

REVISION DATE. MARCH 6, 2001 SK



SAMPLED ON FEBRUARY 21 AND 22 2001

#### LEGEND

● MONITORING WELL

-- NOT SAMPLED

\* TPH AS GASOLINE CONCENTRATIONS IN GROUNDWATER (µg/l)

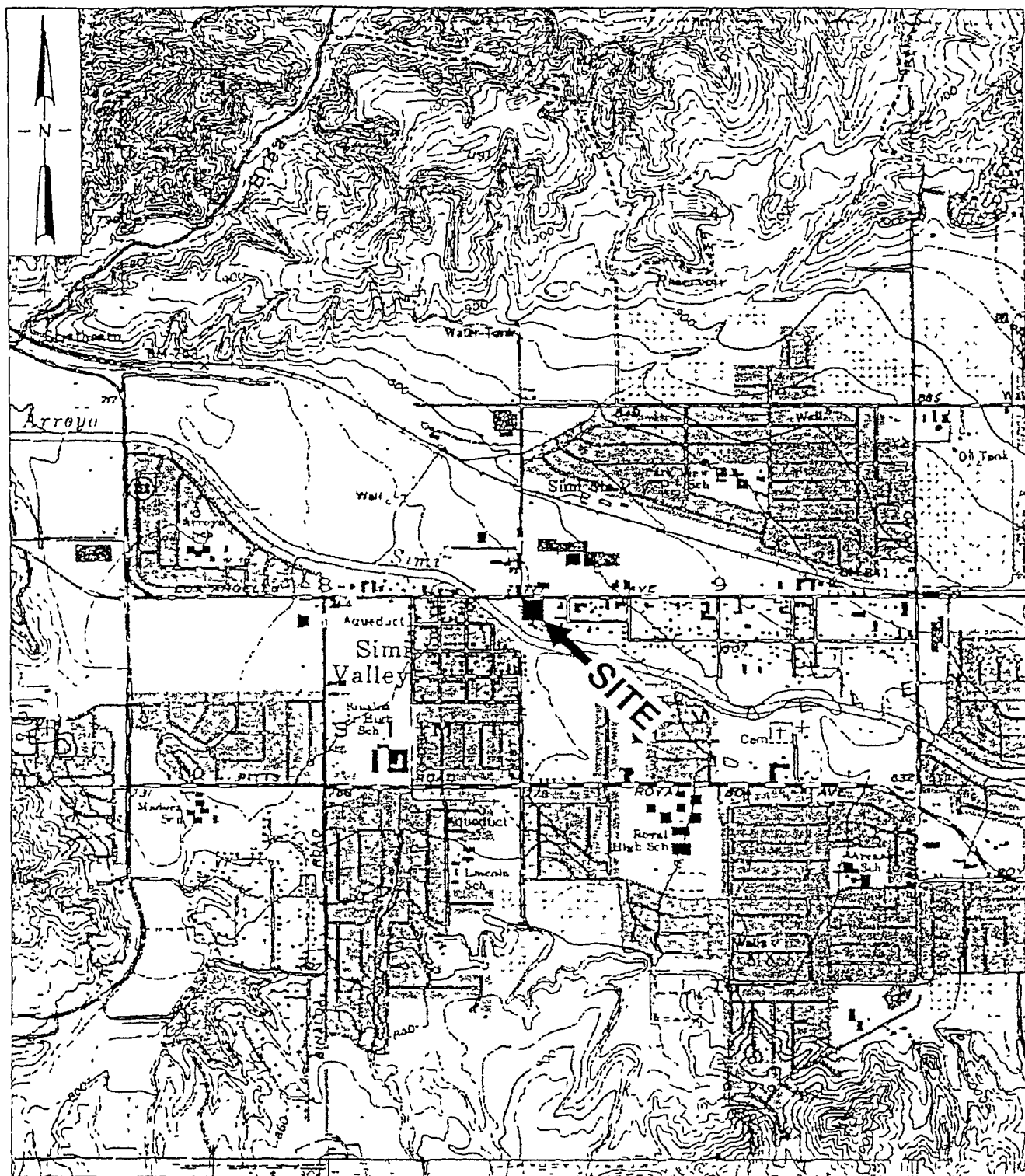
100 CONTOUR OF TPH AS GASOLINE CONCENTRATIONS IN GROUNDWATER (µg/l)

#### MOBIL OIL CORPORATION

SERVICE STATION #18-JRO  
1099 EAST LOS ANGELES AVENUE  
SIMI VALLEY, CALIFORNIA  
FIGURE 4 - TPH AS GASOLINE CONCENTRATIONS IN GROUNDWATER FOR FIRST QUARTER 2001

HOLGUIN, FAHAN & ASSOCIATES, INC.

REVISION DATE MARCH 6, 2001 SK

DRAWN BY

0  $\frac{1}{4}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{4}{4}$  Mile

0 2000 Feet

SCALE



EQUIVA SERVICES LLC  
SHELL SERVICE STATION  
SIMI VALLEY, CALIFORNIA

FIGURE 1  
SITE LOCATION MAP

1120 E LOS ANGELES AVE. at FIRST ST.  
SIMI VALLEY, CALIFORNIA



January 15, 2002

## EQUIVA QUARTERLY STATUS REPORT

Station Address.:	1120 East Los Angeles Avenue, Simi Valley	
IT Project No.	822400	
EQUIVA Environmental Engin./Phone No.:	Ed Paden / (310) 816-2075	
IT Project Manager/Phone No.:	Bradley Clark / (626) 304-1520	
Primary Agency/Regulatory ID No.:	VCEHD/ David Ennis	Case No. C88002
Other Agencies to Receive Copies:	None	

### WORK PERFORMED THIS QUARTER (Fourth - 2001):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Conducted off-site groundwater delineation activities per approved work plan.
3. Submitted groundwater delineation report.
4. Submitted pilot test report.

### WORK PROPOSED FOR NEXT QUARTER (First - 2002):

1. Quarterly groundwater monitoring and sampling.
2. Submit quarterly report.
3. Submit CAP with revised radius of influence calculations.
4. Submit Additional Assessment Work Plan.

Current Phase of Project:	Quarterly Groundwater Monitoring/Assessment
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cumulative SPH Recovered to Date :	NA
SPH Recovered This Quarter :	NA
Water Wells or Surface Waters within 2000 ft.	Presently performing a new well receptor survey.
Radius and Their Respective Directions:	
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	4.63' - 20.44'
Groundwater Gradient	Southwest at 0.07 ft/ft
Current Agency Correspondence:	VCEHD letter dated January 7, 2002.
Summary of Unusual Activity:	None

Brian Dragich, E. I. T.  
Staff Engineer (IT Corporation)

MOBIL STATION

RESTAURANT

E. LOS ANGELES AVENUE

MW-X  
58/ND<50/ND

COMMERCIAL  
BUILDING

PRODUCT  
ISLAND (TYP)

TANK  
PAD

STATION  
BUILDING

CAR  
WASH

LENNY DYKSTRA'S  
CAR WASH

MW-R  
77/350/5.4/17

MW-G  
100/470/2.9/37

MW-V  
1,900/8,800/4,100/  
8,700/28,000/3,400/20,000

MW-U  
180/1,100/49/89

MW-F  
87/510/9.9/22

MW-H  
70/330/ND<0.5/320

MW-L  
600/12,000/5,300/58

MW-I  
95/ND<50/0.8/3

MW-S  
67/260/9.4/4.8

MW-M  
55/160/3.8/23

MW-Q  
70/83/3.9/5.5

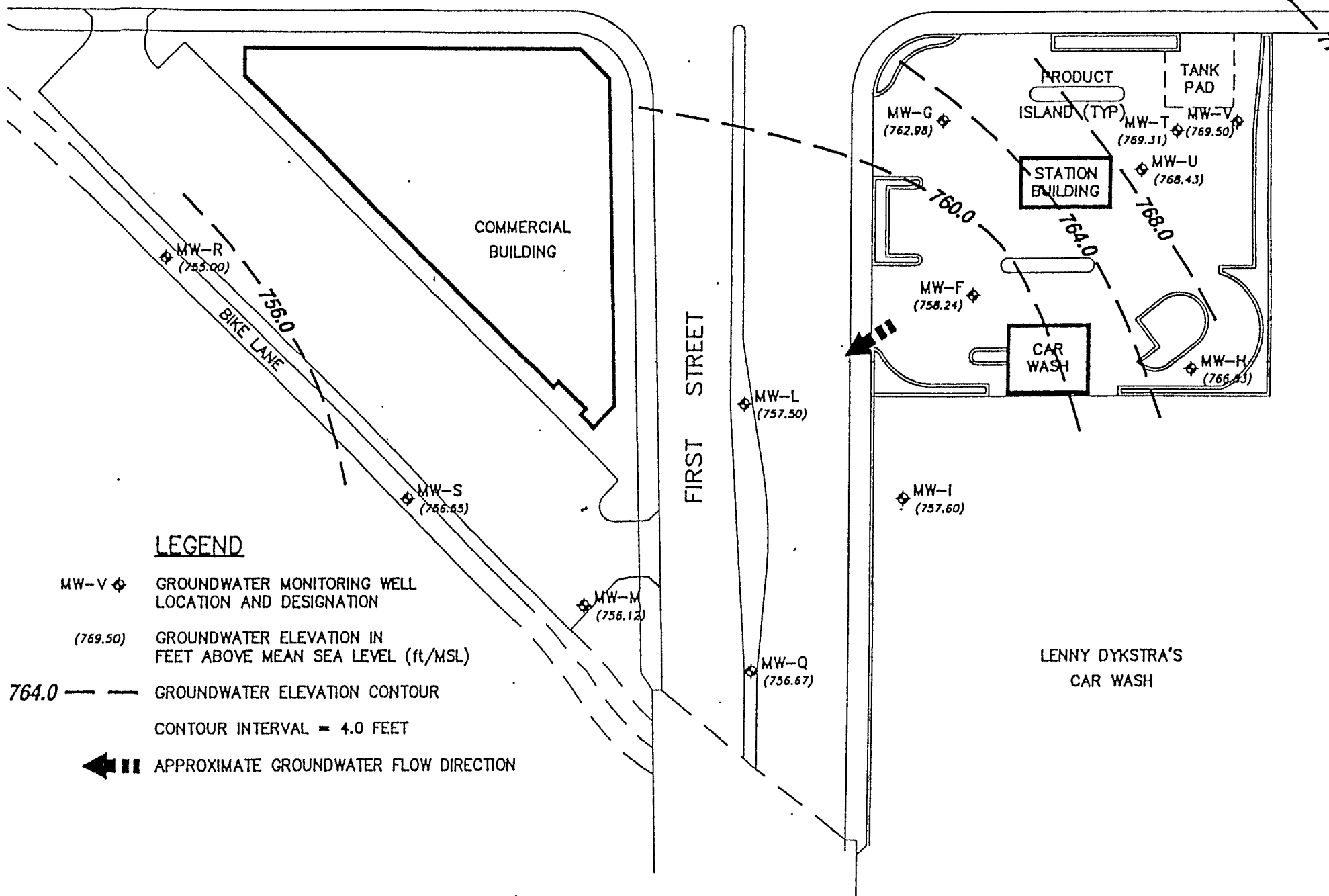
## LEGEND

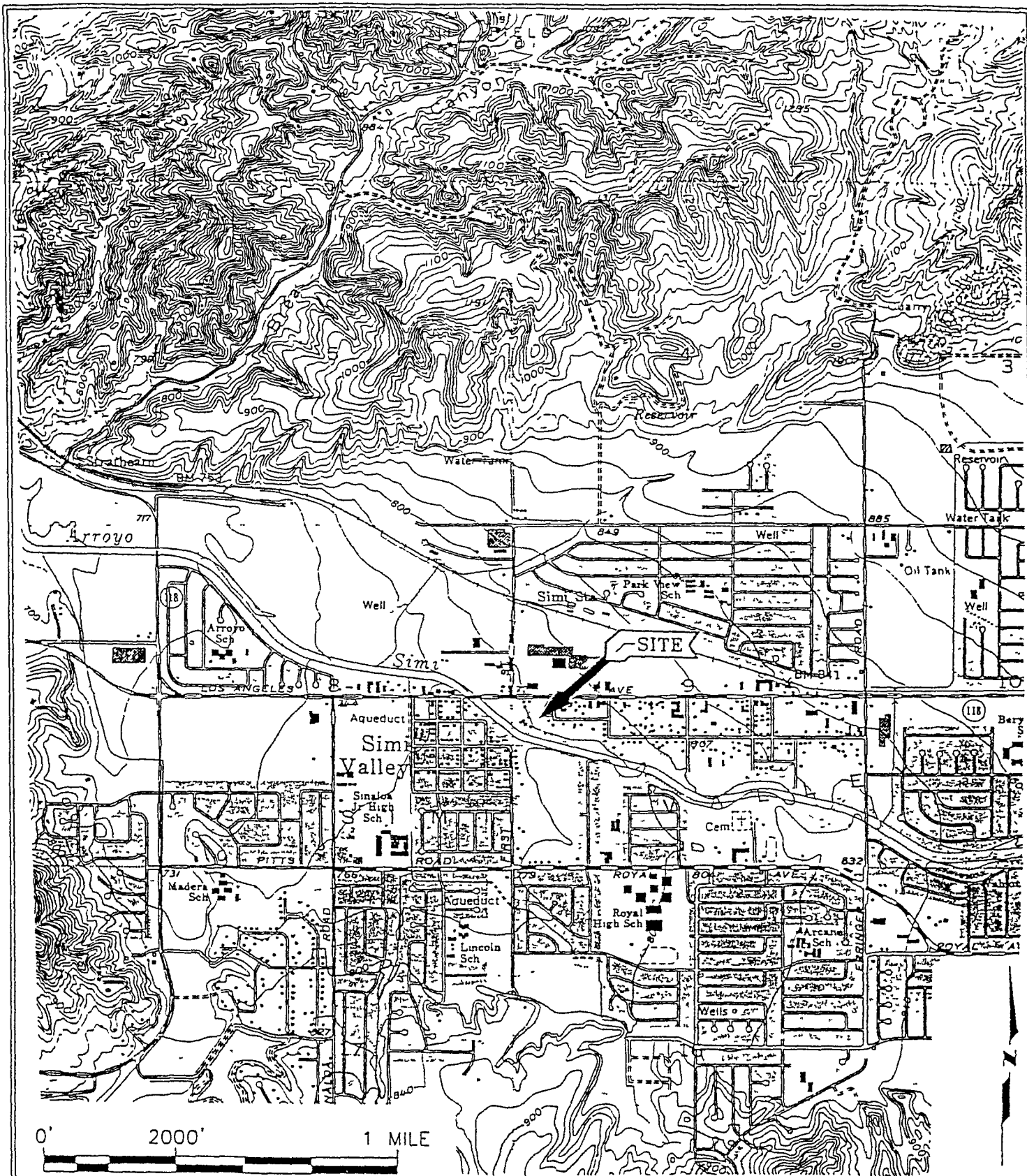
-V ♦ GROUNDWATER MONITORING WELL  
LOCATION AND DESIGNATION

00/270 TPH-d/TPH-g (8015)/BENZENE/MtBE (8260B)  
CONCENTRATIONS IN GROUNDWATER,  
IN MICROGRAMS PER LITER (µg/L)  
11/09/02

ND = NOT DETECTED

TPH-d = TOTAL PETROLEUM HYDROCARBONS  
AS DIFSI





Applied  
Environmental  
Technologies, Inc.

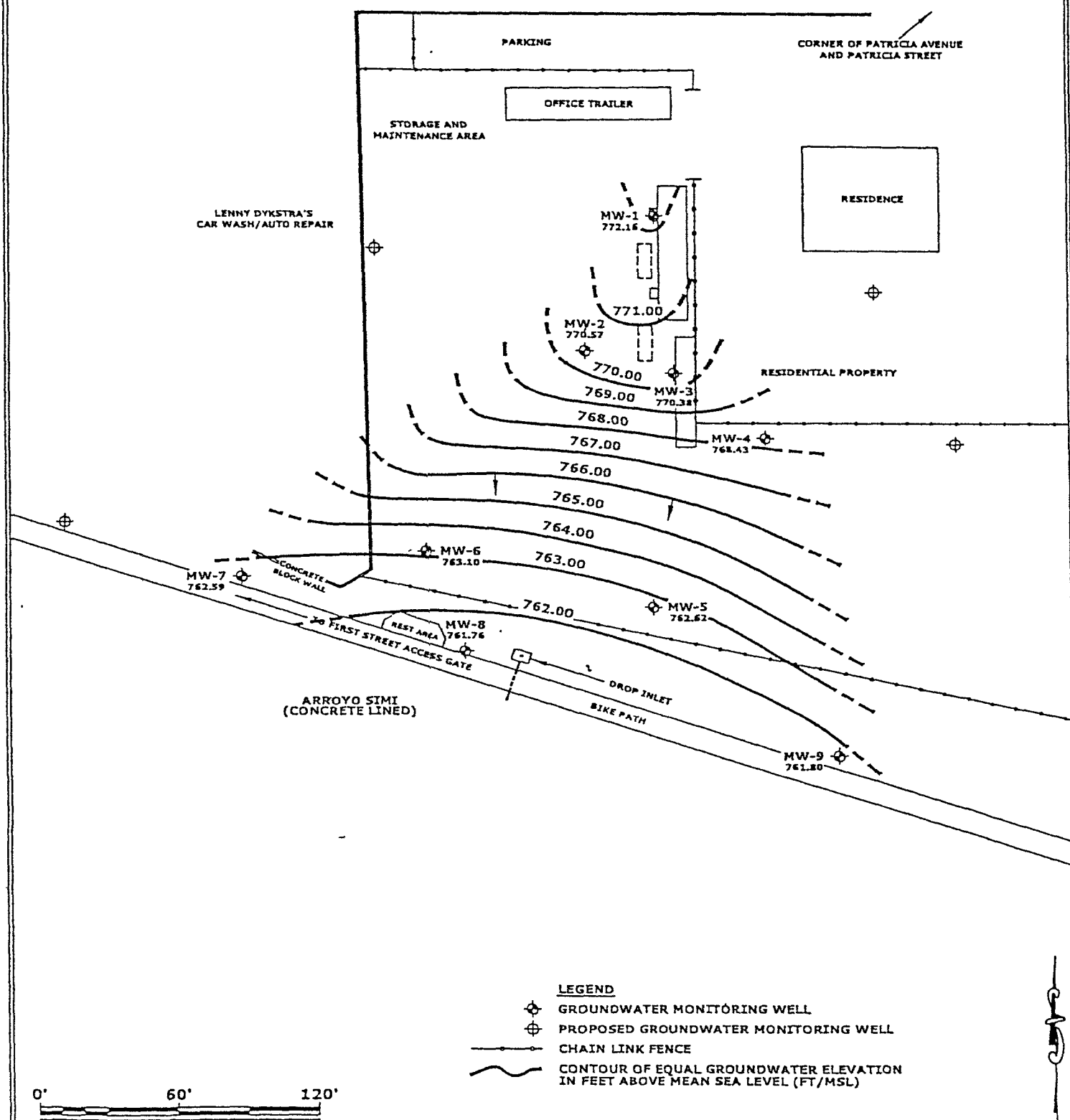
SITE LOCATION MAP  
1196 PATRICIA AVENUE  
SIMI VALLEY, CALIFORNIA

PLATE  
1

PLATE REFERENCE 0547010C

PROJECT NUMBER 0547-01Q

OCTOBER 20, 1999



**Applied Environmental Technologies, Inc.**  
 4840 Market Street, Suite B • Ventura, California 93003  
 Phone (805)650-1400 Fax (805)650-1576

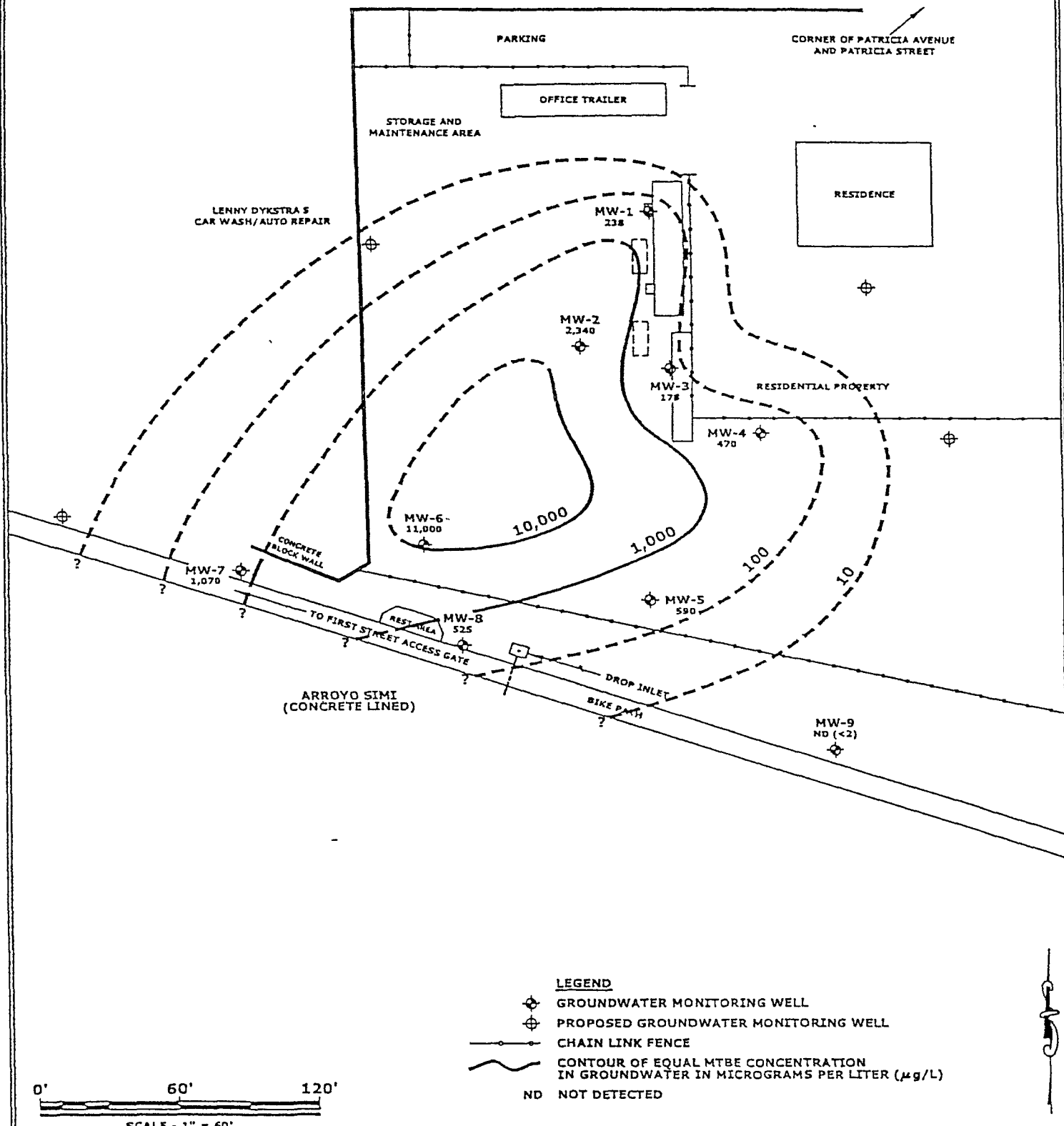
**GROUNDWATER ELEVATION CONTOUR MAP  
 IN FEET ABOVE MEAN SEA LEVEL - MAY, 2001**  
 1196 PATRICIA AVENUE  
 SIMI VALLEY, CALIFORNIA

PLATE REFERENCE 054701Q1C

JULY 10, 2001

PROJECT NUMBER 0547-01Q

**PLATE  
2**

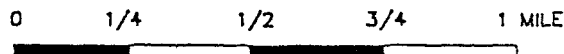
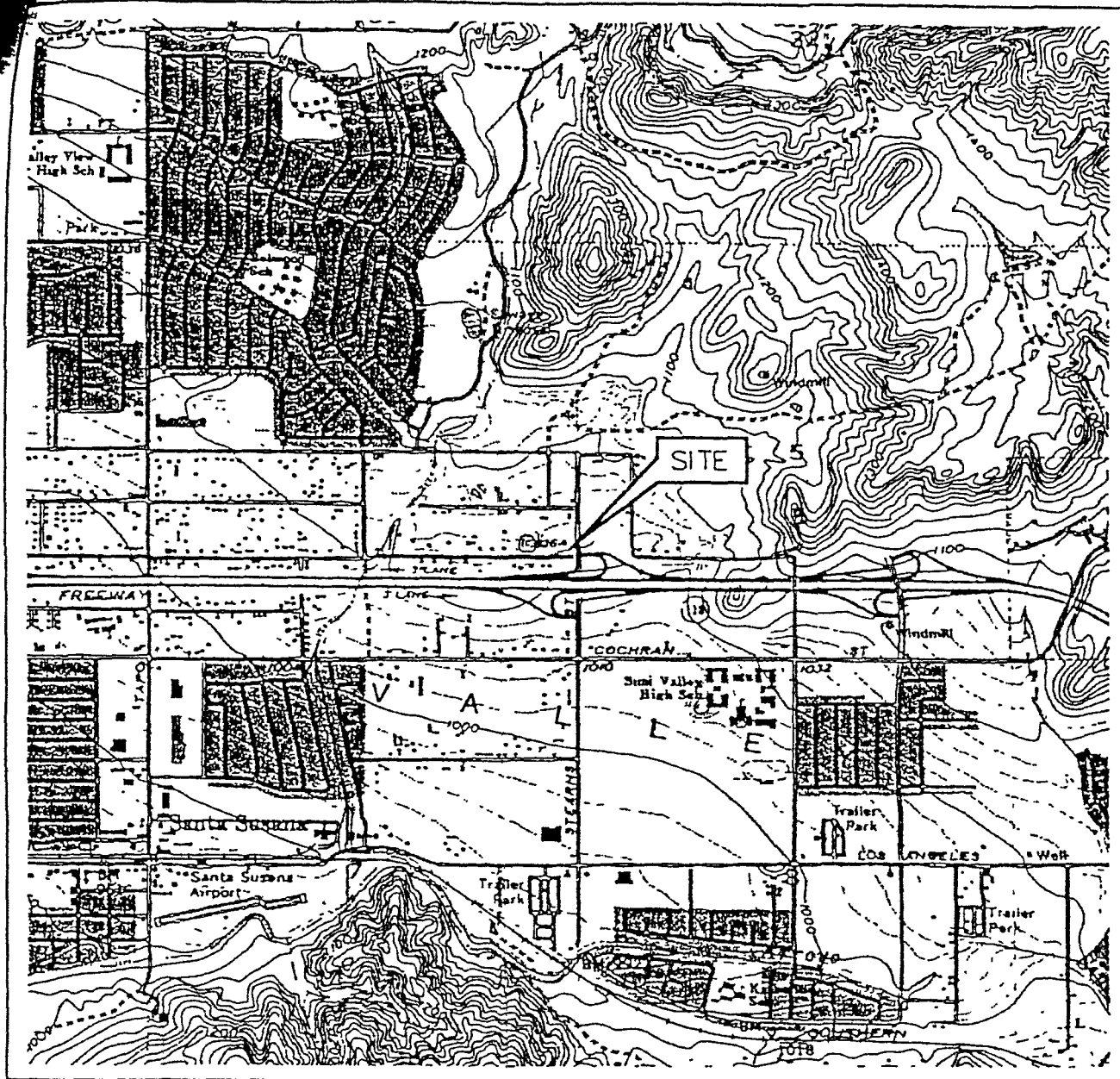


Applied  
Environmental  
Technologies, Inc.

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ISO-CONCENTRATION CONTOUR MAP OF MTBE  
IN GROUNDWATER - MAY, 2001  
1196 PATRICIA AVENUE  
SIMI VALLEY, CALIFORNIA

PLATE  
3



SCALE 1:24,000

SOURCE.

United States Geological Survey  
7 1/2 Minute Topographic Map:  
Simi Valley East Quadrangle



QUADRANGLE  
LOCATION

VICINITY MAP

76 Station 6067  
2605 Stearns Street  
Simi Valley, California

**TRC**

FIGURE 1

Summary of Gauging and Sampling Activities  
January 2002 through March 2002  
76 Station 6067  
2505 Stearns St.  
Simi Valley, CA

Site Information:

Site:	76 Station 2505 Stearns St. Simi Valley, CA
Project Coordinator/Phone Number:	Liz Sewell/714-428-7720
Groundwater wells onsite:	12
Groundwater wells offsite:	0

Field Activity:

Sampling consultant:	TRC
Date(s) sampled:	1/17/02
Groundwater wells gauged:	12
Groundwater wells sampled:	2
Purging method:	submersible pump
Treatment/disposal method during sampling event:	Crosby and Overton treatment facility
Free product pumpouts other than sampling event:	No
Treatment/Disposal method during free product pumpouts:	N/A

Site Hydrogeology:

Minimum depth to groundwater (feet bgs):	45.5
Maximum depth to groundwater (feet bgs):	48.8
Average groundwater elevation (feet relative to mean sea level):	981.19
Average change in groundwater elevations since previous event (feet):	-0.69
Groundwater gradient and flow direction:	0.02 ft/ft, southwest
Previous gradient and/or flow direction (and date):	0.01 ft/ft, southwest (10/12/01)

Groundwater Condition (Benzene Maximum Contaminant Level [MCL] = 1.0 µg/l)

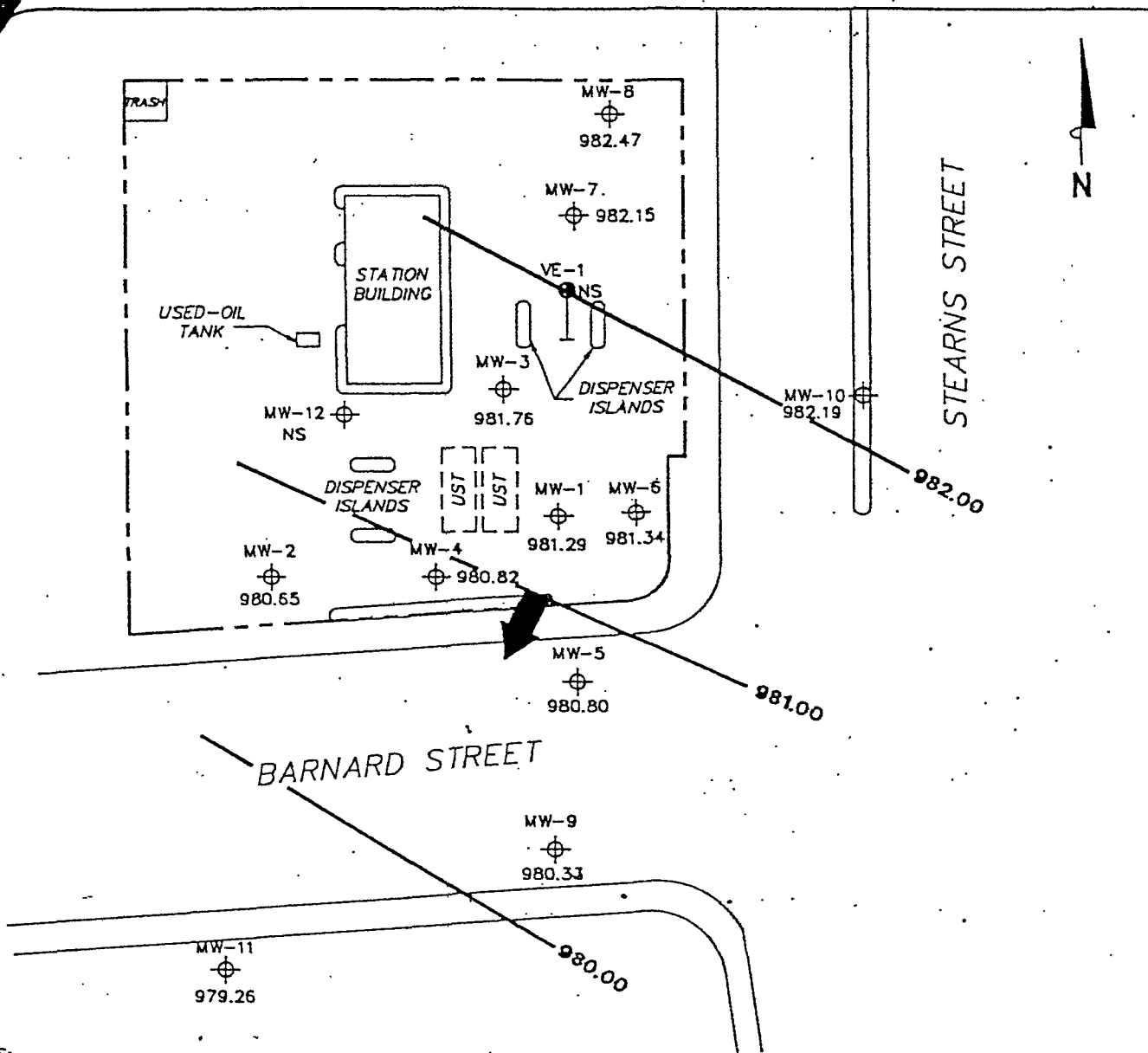
Wells with benzene concentrations below MCL:	1
Wells with benzene concentrations at or above MCL:	1
Minimum benzene concentration (µg/l):	ND
Maximum benzene concentration (µg/l):	1.7 (MW-1)
Minimum MTBE concentration (µg/l):	32
Maximum MTBE concentration (µg/l):	84 (MW-3)
Minimum TPH-G concentration (µg/l):	ND
Maximum TPH-G concentration (µg/l):	460 (MW-1)
Groundwater wells with free product:	0
Minimum free product thickness (feet):	0
Maximum free product thickness (feet):	0

Additional Information:

MW-10=Monitored Only, MW-11=Monitored Only, MW-12=Monitored Only, MW-2=Monitored Only, MW-4=Monitored Only, MW-5=Monitored Only, MW-6=Monitored Only, MW-7=Monitored Only, MW-8=Monitored Only, MW-9=Monitored Only,

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.





#### NOTES:

Contour lines are interpretive based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. NS = not surveyed.

#### LEGEND

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- VE-1 Slant Vadose Zone Well
- 982.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

#### GROUNDWATER ELEVATION CONTOUR MAP January 17, 2002

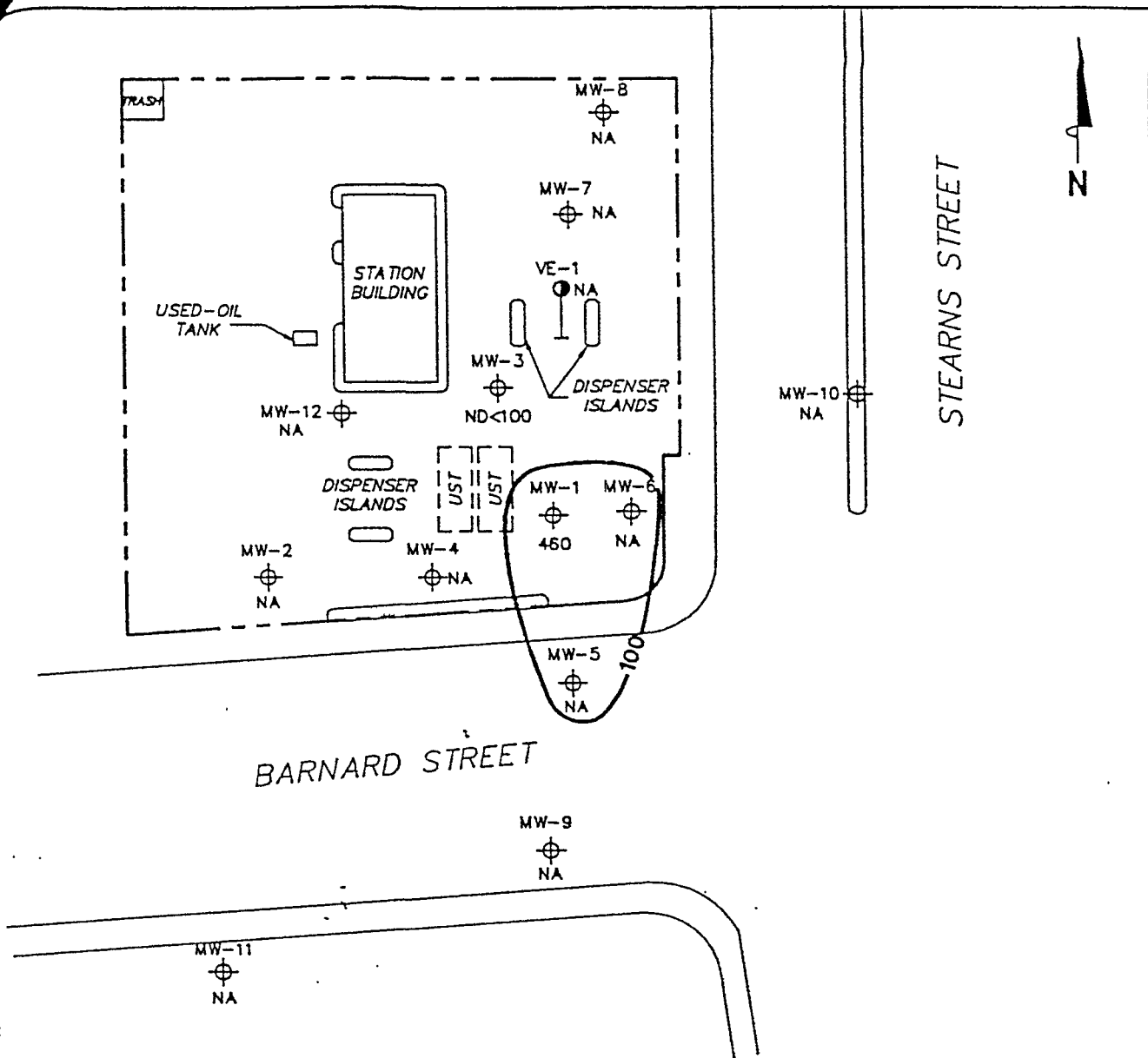
76 Station 6067  
2605 Stearns Street  
Simi Valley, California

# TRC

SCALE (FEET)



## FIGURE 2



**NOTES:**

Contour lines are interpretive based on laboratory analysis results of groundwater samples. TPH-G = total petroleum hydrocarbons as gasoline. UST = underground storage tank. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected.

**LEGEND**

- MW-12 ⊕ Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)
- VE-1 —● Slant Vadose-Zone Well
- 100— Dissolved-Phase TPH-G Contour (µg/l)

**DISSOLVED-PHASE TPH-G  
CONCENTRATION MAP  
January 17, 2002**

76 Station 6067  
2605 Stearns Street  
Simi Valley, California

**TRC**

SCALE (FEET)



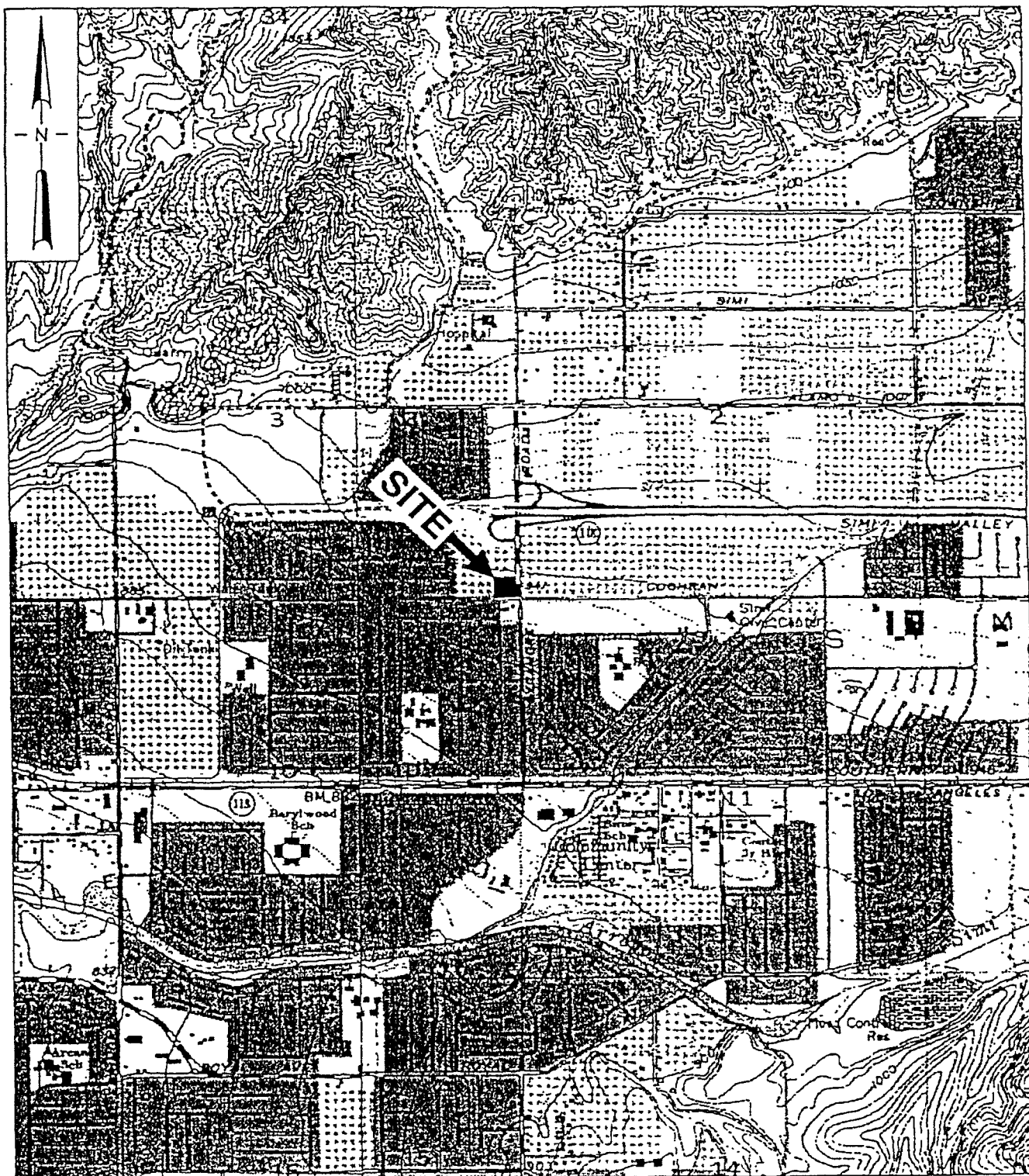
**FIGURE 3**

PROJECT  
NUMBER 822401

APPROVED BY

CHECKED BY

DRAWN BY



REFERENCE: DeLORME 3-D TopoQuads CALIFORNIA SOUTH,  
COPYRIGHT 1999

0 1/2 1 Mile

0 2000 Feet

SCALE



EQUIVA SERVICES LLC  
SHELL SERVICE STATION  
SIMI VALLEY, CALIFORNIA

FIGURE 1  
SITE LOCATION MAP

2405 N. SYCAMORE DR. at COCHRAN ST.  
SIMI VALLEY, CALIFORNIA

January 15, 2002

## EQUIVA QUARTERLY STATUS REPORT

Station Address:	2405 North Sycamore Drive, Simi Valley, California
IT Project No.	822401
EQUIVA Environmental Engin./Phone No.:	Edward Paden / (310) 816-2075
IT Project Manager/Phone No.:	Bradley Clark / (626) 304-1520
Primary Agency/Regulatory ID No.:	VCEHD/Mr. David Ennis File No. # C99043
Other Agencies to Receive Copies:	None

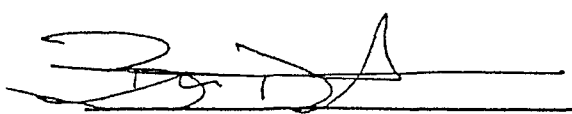
### WORK PERFORMED THIS QUARTER (Fourth - 2001):

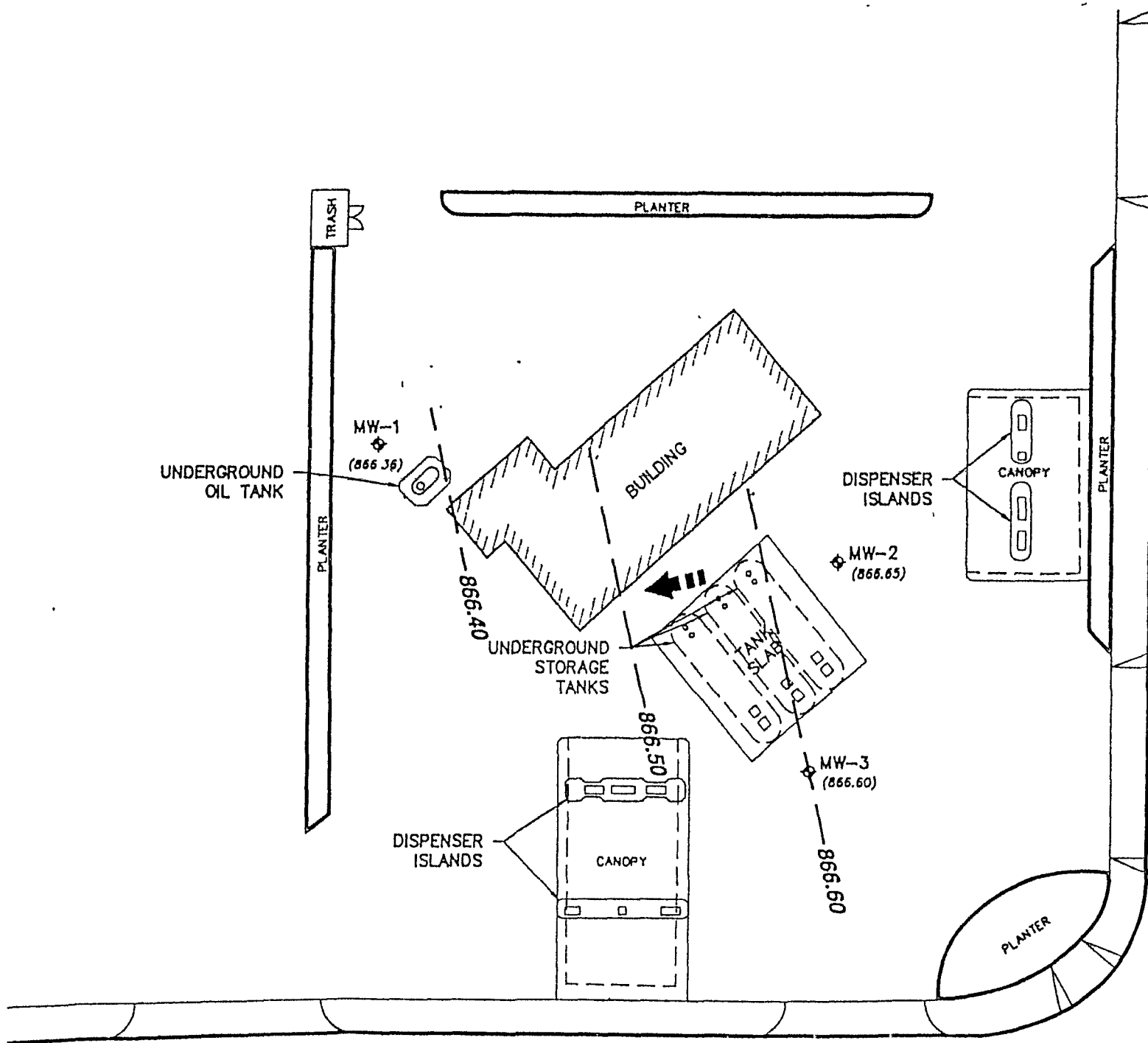
1. Quarterly groundwater monitoring and sampling.

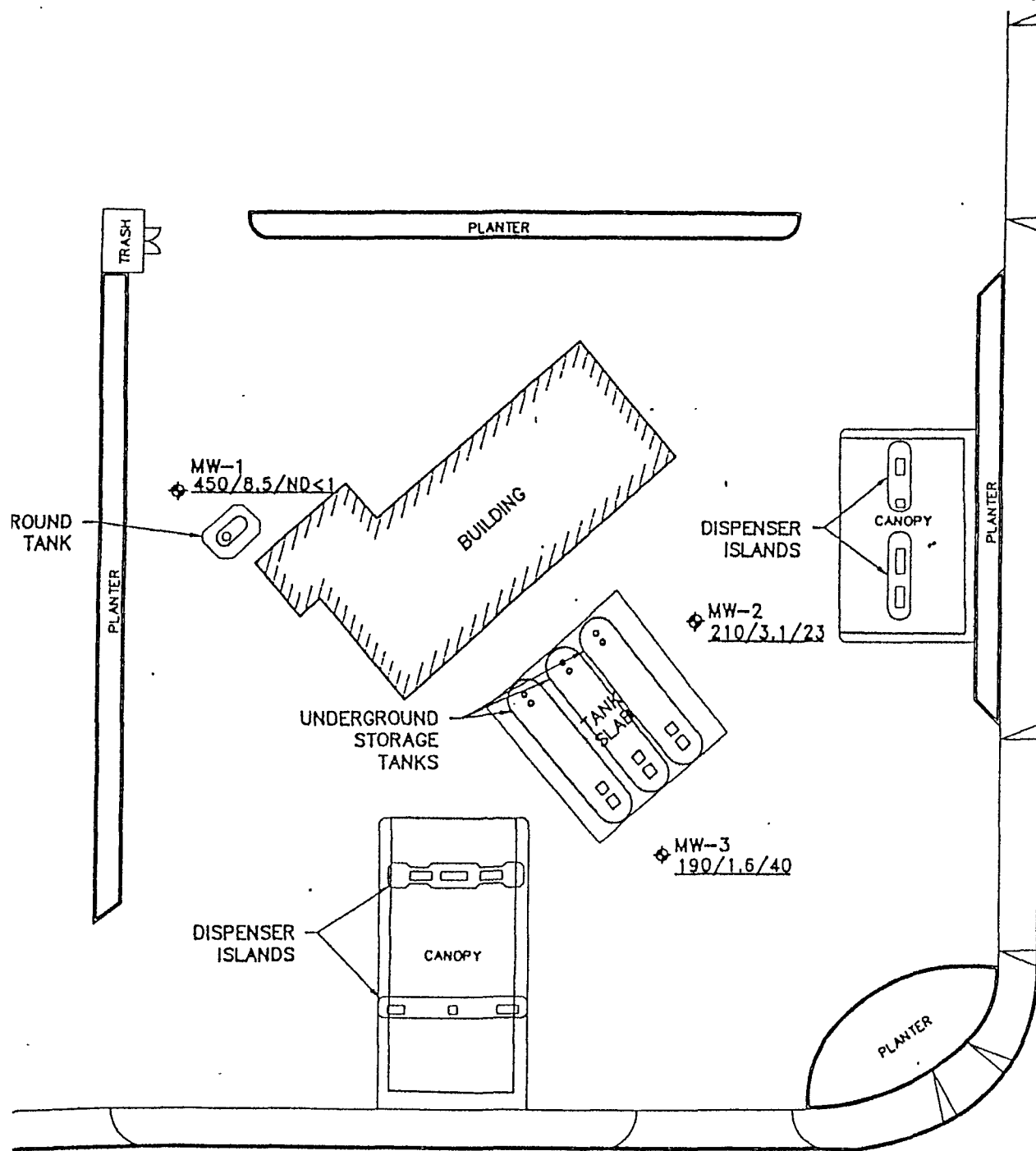
### WORK PROPOSED FOR NEXT QUARTER (First - 2002):

1. Groundwater monitoring and sampling, submit report.

Current Phase of Project:	Groundwater monitoring and remediation
Frequency of Sampling:	Quarterly: Wells MW-1, MW-2, and MW-3
Frequency of Monitoring:	As above.
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cumulative SPH Recovered to Date :	None
SPH Recovered This Quarter :	None
Water Wells or Surface Waters within 2000 ft. Radius and Their Respective Directions:	Unknown
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	83.62' - 84.61'
Groundwater Gradient	West at approximately 0.003 ft/ft
Current Agency Correspondence:	VCEHD Letter dated September 5, 2001.
Summary of Unusual Activity:	None

  
\_\_\_\_\_  
Brian Dragich, E. I. T.  
Staff Engineer (IT Corporation)





# LEGEND

MW-3 ♦ GROUNDWATER MONITORING LOCATION AND DATA

190/1.6/40 TPH-g (8015)/BTEX CONCENTRATIONS IN MICROGRAMS PER LITER 12/21/01

ND = NOT DETECTED

TPH-g = TOTAL PETROLEUM AS GASOLINE

MTBE = METHYL TERT-BUTYL ETHER

COCHRAN STREET



Summary of Gauging and Sampling Activities  
January 2002 through March 2002  
76 Station 6923  
2383 Sycamore Dr.  
Simi Vally, CA

Site Information:

Site:	76 Station 2383 Sycamore Dr. Simi Vally, CA
Project Coordinator/Phone Number:	Liz Sewell/714-428-7720
Groundwater wells onsite:	12
Groundwater wells offsite:	6

Field Activity:

Sampling consultant:	TRC
Date(s) sampled:	1/16/02
Groundwater wells gauged:	17
Groundwater wells sampled:	13
Purging method:	submersible pump
Treatment/disposal method during sampling event:	Crosby and Overton treatment facility
Free product pumpouts other than sampling event:	Yes
Treatment/Disposal method during free product pumpouts:	Crosby and Overton treatment facility

Site Hydrogeology:

Minimum depth to groundwater (feet bgs):	71.65
Maximum depth to groundwater (feet bgs):	80.2
Average groundwater elevation (feet relative to mean sea level):	859.08
Average change in groundwater elevations since previous event (feet):	-0.06
Groundwater gradient and flow direction:	0.004 ft/ft, southwest
Previous gradient and/or flow direction (and date):	0.006 ft/ft, west (10/11/01)

Groundwater Condition (Benzene Maximum Contaminant Level [MCL] = 1.0 µg/l)

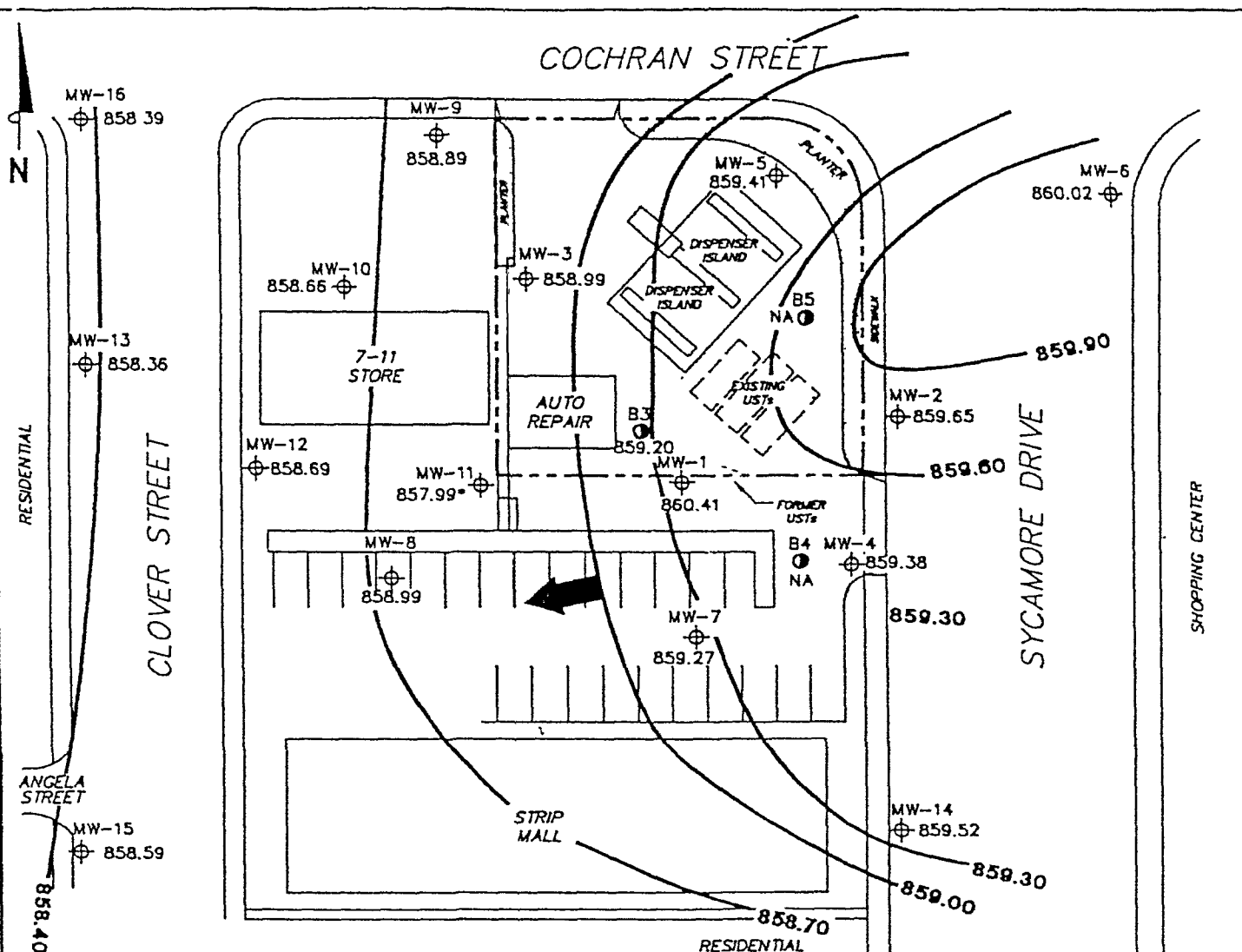
Wells with benzene concentrations below MCL:	8
Wells with benzene concentrations at or above MCL:	5
Minimum benzene concentration (µg/l):	ND
Maximum benzene concentration (µg/l):	5700 (MW-10)
Minimum MTBE concentration (µg/l):	ND
Maximum MTBE concentration (µg/l):	6500 (MW-10)
Minimum TPH-G concentration (µg/l):	ND
Maximum TPH-G concentration (µg/l):	29000 (MW-10)
Groundwater wells with free product:	1
Minimum free product thickness (feet):	0
Maximum free product thickness (feet):	0.18

Additional Information:

MW-5=Monitored Only, MW-7=Monitored Only, MW-8=Monitored Only.

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.





#### NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. NS = not surveyed. NA = not analyzed, measured, or collected. \* = not included in groundwater contour interpretation.

#### LEGEND

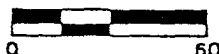
- MW-15 ⊕ Monitoring Well with Groundwater Elevation (feet)
- B3 ● Vapor Extraction Well
- 859.90 — Groundwater Elevation Contour
- ➔ General Direction of Groundwater Flow

#### GROUNDWATER ELEVATION CONTOUR MAP January 18, 2002

76 Station 6923  
2383 Sycamore Drive  
Simi Valley, California

**TRC**

SCALE (FEET)



**FIGURE 2**